Boolos 3 Reference Manual

Maintained by the **BreakTheCode Help Discord** and **Sheet Peeps**

Sponsored by #DotGang

THIS DOCUMENT CONTAINS **UNMARKED PUZZLE SPOILERS!**

This document exists to serve as a foundation for all information gathered through BreakTheCode Help's attempted solution of Boolos 3. Any information disclosed and available will be listed below for reference for solvers. Feel free to add commentary and suggest revisions to this document - they will be reviewed as soon as someone with write access is online to handle it.

As this document is used by a large number of people and information needs to be visible, please follow the below guidelines:

1. Keep the **Found Clues** section clear of observations and unknown information. Only information that is confirmed to be correct or extremely likely correct should be posted here.
    a. If you want to add commentary, use the Comment feature of Google Docs - that's why it's there, and we promise we won't get mad if you use it.
2. Please make an effort to keep the formatting of this document consistent and legible. Take a look at what has already been done, and keep going down that path.
3. Where possible, provide direct links to references and solves. Any work done in this document should be easily verifiable and reproducible by others.
4. If you want somewhere to start, look for red things and fix or validate them.
5. Remember to have fun and don't take things too seriously. Definitely don't overthink things.

Please also check out the related Google Doc by `tunafisher#1862`, as it may contain information that is not yet in this document. Anyone working on solving this puzzle ***should*** be referring to both documents.

If you have any questions about this doc, contact `KazWolfe#2896` in the BTC Help Discord. If this document is lost or destroyed, a (not necessarily up-to-date) backup is available through this link. Another backup is available here.

Grit is the stubborn refusal to quit.

-- Jonah Lehrer / Gy

Excessively Asked Questions

- **Do we have an answer yet?**
  Yep! The puzzle's final answer was a single period (.)!
- **I entered an answer, and the gods are busy! What are they doing?**
  This was the victory page!
- **Has anyone tried <thing> as an answer?**
  Probably. A list of guesses is available at the bottom of this document, check if it's there.
- **I saw an image with a SHA hash! What does it decode to?**
  See the section right below this one. Of the one hash we have cracked, it was not the answer.
- **What kind of computer are we getting? Does the first solver get it?**
  This isn't related to the puzzle, but we believe it's an Alienware prebuilt at this time. It has good specs. A solver is chosen randomly from all solvers when the room closes.
- **Do the mods know the answer?**
  No.

The List Of Unofficial Things

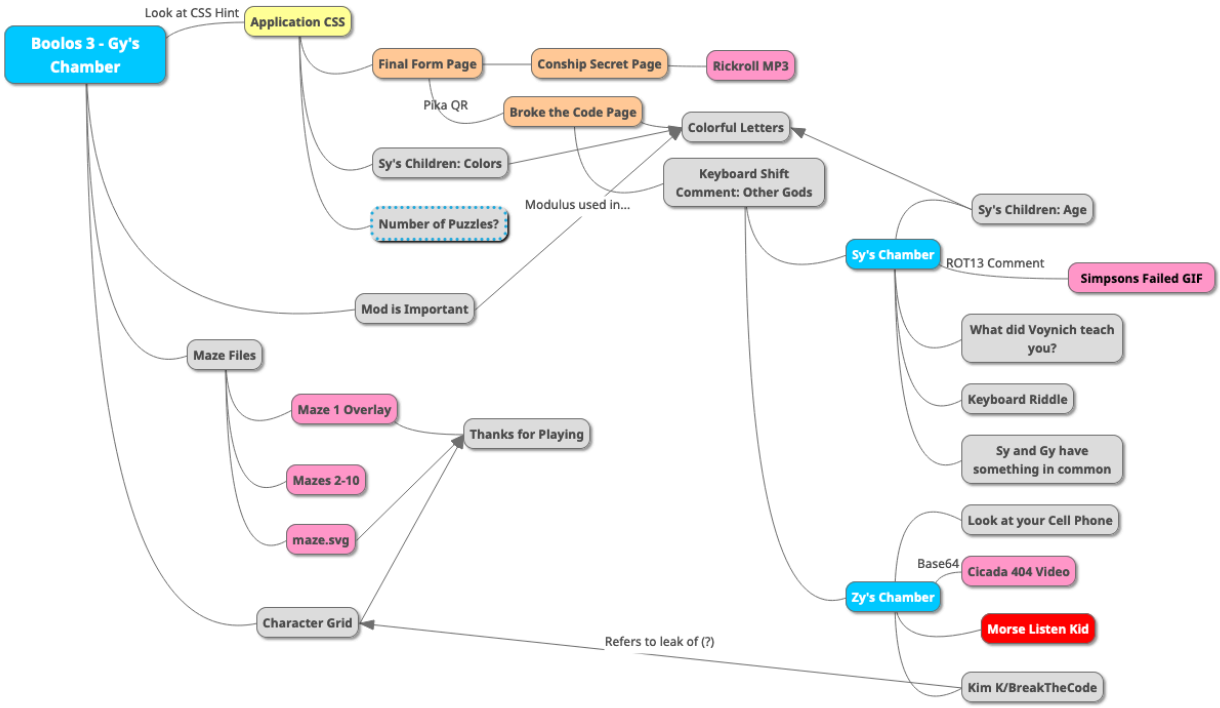
People keep finding the same "unofficial" content and thinking it's a part of the puzzle. The things in this list have ***not been confirmed*** to be officially part of the Boolos challenge or the BreakTheCode site. These are rabbit holes that may lead absolutely nowhere at best, and give you intentionally misleading answers at worst.

- **Reddit Hashes (Bhowmick, Polandball, Spongebob) and Anything From Lasermeme**
  While these were posted by a user who did successfully leak the answer to Boolos 2, the initial hash (which decodes to bhowmick) is verified to be a non-solution. The other two hashes have yet to be broken.
- **dotTech Twitch**
  The Twitch account for dotTech Domains, while having branding similar to that of BTC, has not yet been confirmed to be run by the company. Anything (including hints!) on that page should be treated as unofficial for now.
- **Maze QR Code**
  This is related to the dotTech Twitch, but certain users are claiming that the QR code present there comes from arranging the ten maze files a certain way. As of now, there have been *no* successful verifications of this result.
- **rrmTV / tinytech.host**
  This was initially sourced from Twitter and appears to be a mini-puzzle set up as part of dotTech's meme contest. As of now, there is no relation between the puzzles present on that domain and the Boolos room.

Found Clues Map

Note: This may not be completely up to date!

This image exists to attempt to create a graph of how the various puzzles and clues interact with each other, and to identify the links between them. It may help identify things that haven't been solved or properly looked at yet.



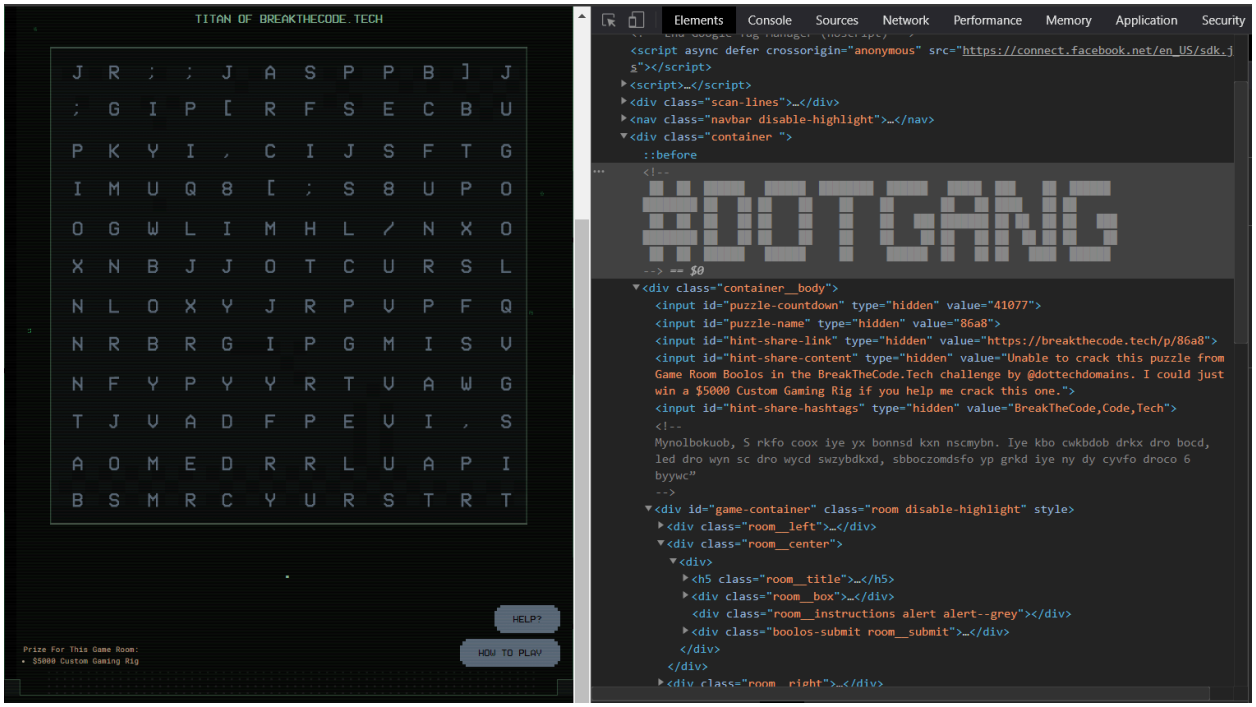
Of interesting note:

- The riddle mentioning "keyboard" came *after* the keyboard shift cipher was used during this puzzle.
- Multiple clues without any found use so far:
    - `the number of puzzles you completed to breakthecode`
    - `WHAT DID VOYNICH TEACH YOU`
    - `SY AND GY HAVE SOMETHING IN COMMON`
    - `To solve this puzzle, you might want to look at your cellphone.`
    - Mazes 2-10
- Possible dead ends (no next step):
    - `Rickroll MP3`
    - `Simpsons Failed GIF`
    - `Cicada 404`
    - `Morse Listen Kid`
-

Found Clues/Hints

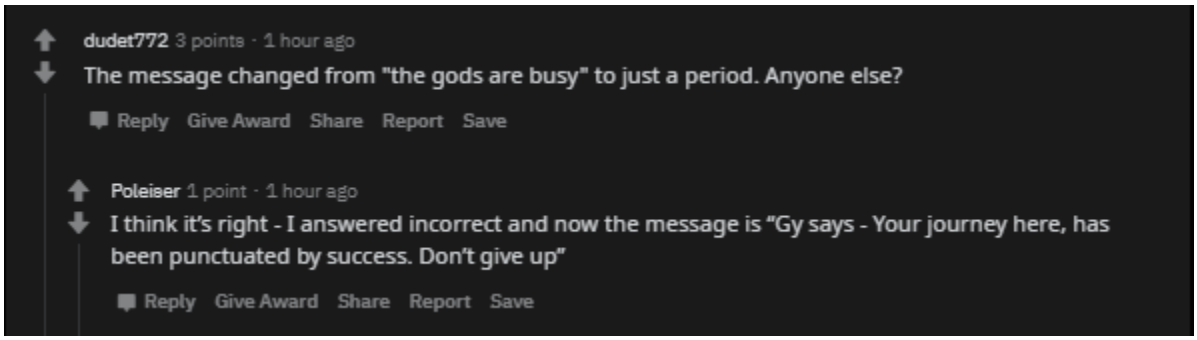
Gy's Chamber (86a8)

Link: https://breakthecode.tech/game/boolos/86a8



At approximately 6.30 CET, the source code was updated to include "DOTGANG" and the people who answered "." got the left screen instead of the usual "the gods are busy" messag

The timer is still running in the background (see a lower line in pic 2)



- `Mynolbokuob, S rkfo coox iye yx bonnsd kxn nscmybn. Iye kbo cwkbdob drkx dro bocd, led dro wyn sc dro wycd swzybdkxd, sbboczomdsfo yp grkd iye ny dy cyvfo droco 6 byyw`
    - **Plaintext**: `Codebreaker, I have seen you on reddit and discord. You are smarter than the rest, but the mod is the most important, irrespective of what you do to solve these 6 rooms`
    - **Cipher:** Vigenere, key = k (solve link)
    - **Source:** HTML Comment
    - The term “mod” most likely refers to the “modulus” mathematical operator.

- Maze Filesmod
    - `https://www.cdnfiles.host/v24/assets/img/boolos/maze-{n}.svg`
    - Ten maze files in source code, URL is above with n = 1 ... 10
    - `https://www.cdnfiles.host/v24/assets/img/boolos/maze.svg` was found to exist as well, matching maze-1 in layout.
    - Each maze is a dot on the Gy’s page, 5 on each side

- `Purpx PFF qrsvavgvba sbe guvf ryrzrag`
    - **Plaintext:** `Check CSS definition for this element`
    - **Cipher:** ROT13 (solve link)
    - **Source:** HTML Hidden Input
    - **X-Ref:** See *Final Form*, below.

Final Form

Link: https://thisisntevenmyfinalform.tech/

- `127 127 127 056 103 117 116 123 110 111 120 111 116 103 056 124 105 103 110 057 123 105 103 122 105 124`
    - **Plaintext:** `WWW.CONSHIPINC.TECH/SECRET`
    - **Cipher:** Octal Encoding - (solve link)
    - **Source:** Present directly on page

- QR Code Pikachu
    - **Plaintext:** https://www.brokethecode.tech
    - **Cipher:** QR Code
    - **Source:** HTML comment, wrapped in <pre> tags.
    - HTML comments links to https://go.tech/pika, which is an image of the same QR code.
        - *Metadata basic steganography done but nothing.*

Broke The Code

Link: https://www.brokethecode.tech/

- Colorful Letters: `ee realla bcde acc'de ebdcaed dlaacba` … and so on
    - Colors and the full ciphertext are not included here for brevity. Check the actual page if you want to see the full puzzle.
    - **Plaintext:** `We really hope you've enjoyed playing breakthecodedottech because we have loved building it. We love our tech community and`

all the creators in it. We can't wait to see what you build on your dottech domains next year. But before we start a new chapter, we must close this one.. This quest began with a simple mission, to find the best codebreakers in the world and test their mettle. You have surpassed every challenge in front of you, all that is left now is to solve one last one... the endgame. The answer to what you desire lies here, it lies in the genesis of what we do, why we do it, and hence what better way to end this game than this..

- **Cipher:** Custom cipher similar to A1Z26. Shift colored letters up by following values, mod 26 (`new = (old + colorDelta) mod 26`).
  - Green (Fa): +6
  - Blue (La): +12
  - Yellow (Ra): +18
  - Cyan (Xa): +24
  - Orange (??): No shift needed
- **Source:** Directly on page
- **X-Ref:** Colors are mapped to a name by the clue from CSS, name is mapped to age by Sy room clue.

- `Hu dsud= PL Vpfrntrslrt/ Upi ,sfr oy yjod gst/ Niy mpe yjsy upi str jrtr. str upi ditr upi jsbr rbrtuyjomh upi mrrf yp nrvp,r s eptyju YOYSM| Er pgyrm pbrt;ppl yjr yomordy pg fryso;d imyo; oyd ypp ;syr/ Hp nsvl yp yjr pyjrt Hpfd smf drrl yjrot vpimvo; gpt yjru vsm dyo;; hiofr upi`
  - **Plaintext:** `Gy says- OK Codebreaker. You made it this far. But now that you are here, are you sure you have everything you need to become a worthy TITAN? We often overlook the tiniest of details until its too late. Go back to the other Gods and seek their counsel for they can still guide you`
  - **Cipher:** Keyboard shift, QWERTY left 1
  - **Source:** HTML Comment

Conship Secret

Link: https://www.conshipinc.tech/SECRET/

- Rickrolled
  - **Link:** https://www.cdnfiles.host/r4/clue.mp3
  - **Source:** HTML source
  - **Contents:** 8-bit chiptune of *Never Gonna Give You Up* by Rick Astley
  - Like the other chiptunes from this puzzle chamber, the this album went 2x Platinum
  - No notable analysis run yet (?)
    - No notable data in spectrogram
    - Spectrogram (In Audacity)
    - No notable data when read as a text file

- Ships SVG
  - **Link:** https://www.cdnfiles.host/r4/rrflagsrr.svg
  - **Source:** Present directly in page
  - **Contents:** Appears to be the ship puzzle from a previous room, but without flags.

- Nothing notable in SVG file yet (?)
- Top right ship is missing a pixel at the top of the flag. That ship used to have the naval flags for “AK-47” in the science puzzle.
- “Condoto” Is a municipality in colombia

Application CSS v7

Link: https://www.cdnfiles.host/v24/assets/css/app.css?v=7. Referenced across all chambers.

- `b86771b9d48852a6fca61a123704e29ad5623859ba73713ef5acb8dc711f9116`
  - **Plaintext:** `lightsaber`
  - **Cipher:** `SHA256(SHA256(p))` (solve link)
  - **Source:** CSS class *`could-this-be-a-clue`*
  - *Likely* references the “leaked hash” posted on Reddit for Boolos 2.

- `edocehtkaerb ot detelpmoc uoy selzzup fo rebmun eht`
  - **Plaintext:** `the number of puzzles you completed to breakthecode`
  - **Cipher:** Reversed String - (solve link)
  - **Source:** CSS class *`maybe-a-clue`*
  - So far (not including Gy), 22 individual challenges have been solved. There is some debate on what counts as a “puzzle”.

- `Zuz U jyrr eoi, U vchy 4 pubrupwk: Xc, Rc, Lc, Fc, ycav ox gvoq uk ox c zuxxylypj aorol. Xc uk wlyyp, Rc uk briy, Lc uk eyrrog, cpz Fc gvo uk aecp. Wyj jo spog jvyq, cpz jvye quwvj tikj vyrn eoi gujv We’k avcqbyl.`
  - **Plaintext**: `Did I tell you, I have 4 niblings[sic]: Fa, La, Ra, Xa, each of whom is of a different color. Fa is green, La is blue, Ra is yellow, and Xa who is cyan. Get to know them, and they might just help you with Gy’s chamber.`
  - **Cipher:** Beaufort (?), k = ccc (solve tool)
  - **Source:** CSS class *`why-would-this-be-a-clue`*
  - **X-Ref:** Used in Broke the Code alongside Sy’s hint.

Sy’s Chamber (7a65)

Link: https://breakthecode.tech/game/boolos/7a65

- `Fgvyy pyhryrff? jjj.tb.grpu/tl zvtug whfg uryc lbh.`
  - **Plaintext:** `Still clueless? www.go.tech/gy might just help you.`
  - **Cipher:** ROT13 (solve link)
  - **Source:** HTML Hidden Input
  - Links to Simpsons GIF: “you tried your best and you failed miserably”. From S5E18. File name is taskfailedsuccessfully.gif. After finding the clip that leads the gif leads to, Homer says, “The Lesson is to never try.”
  - *No metadata but there is a weird frame glitch if anyone can get just the frame of the glitch that would be cool please upload and paste the link here. (you can use https://ezgif.com/split to split into frames and if you select as split options “Ignore*

optimizations it will show only differences between frames, but I couldn't find anything noteworthy)

-
- ***(been done and no noteworthy clue were found)***

- `dggff dxdgx adaff afffa gxgga xxagx gagag dgagd fafg – cargo`
  - **Plaintext:** `WHAT DID VOYNICH TEACH YOU`
  - **Cipher:** ADFGX, k = cargo , g = ABCDEFGHIKLMNOPQRSTUVWXYZ (solve tool)
  - **Source:** Found as an HTML comment
  - Possibly could be leading to the pika qr code?

- `Wrw R gvoo blf, R szev 4 xsrowivm: Uz, Oz, Iz, Cz. Uz rh mld zoo lu 6 bvzih, Oz rh 12 bvzih low, Iz rh gfimrmt 18, zmw gsv nlhg ivhklmhryov lu gsvn zoo rh Cz dsl rh mld 24. Tvg gl pmld gsvn, zmw gsvb nrtsg qfhg svok blf drgs Tb'h xsznyvi.`
  - **Plaintext:** `Did I tell you, I have 4 children: Fa, La, Ra, Xa. Fa is now all of 6 years, La is 12 years old, Ra is turning 18, and the most responsible of them all is Xa who is now 24. Get to know them, and they might just help you with Gy's chamber.`
  - **Cipher:** Atbash Cipher
  - **Source:** HTML comment
  - **X-Ref:** Used in Broke the Code alongside App CSS v7 hint.
  - **User Observations**
    - Ages are found by numbering the alphabet. Fa is 6. F is 6th letter etc.
    - Fa, La, and Ra seem to be elements but Xa is not an element. Also, in Cogito, the answer was to be found with the help of periodic table after deciphering the ships, we have those ships in conshipinc.tech too, so what if conshipinc.tech/secret was suggesting to use the periodic table??.

- `Doha ohz rlfz iba uv svjrz, zwhjl iba uv yvvt huk fvb jhu lualy iba fvb jhuuva nv pu zpkl?`
  - **Plaintext:** `What has keys but no locks, space but no room and you can enter but you cannot go inside?`
  - **Cipher:** Caesar, k = 19 (solve link)
  - **Source:** HTML hidden input
  - **Riddle Solution:** Keyboard (UNCONFIRMED, but likely)
  - **X-Ref:** Keyboard ciphers have been used throughout the puzzle series, notably in Broke The Code

- `ucbwedndgmhcnnocrsaxryomsogs`
  - **Plaintext:** `SY AND GY HAVE SOMETHING IN COMMON`
  - **Cipher:** Bifid, no key (solve link)

    - **Source:** HTML Comment
    - **User Observations**
        - In the thumbnail for zy you can see a representation of an eclipse, while sy seems to represent the moon, and gy seems to represent the earth (the moon belongs to him).
        - Sy and Gy both have staffs/staves
        - Sy and Gy both have 3 stars around their heads slightly different positions
        - The moon in Sy and Gy are exactly the same - waning gibbous, while Zy has a crescent moon
        - Both puzzles have a similar background image

Zy's Chamber (415b)

Link: https://breakthecode.tech/game/boolos/415b

- `.-.. .. ... - . -. / -.- .. -.. / .. / -.. --- -. - / .... .- ...- . / -- ..- -.-. .... / - .. -- . --..-- / - .... . / .- -. ... .-- . .-. / - --- / -... --- --- .-.. --- ... / ...-- / .. ...`
    - **Plaintext:** `LISTEN KID I DONT HAVE MUCH TIME, THE ANSWER TO BOOLOS 3 IS`
    - **Cipher:** Morse Code (solve link)
    - **Source:** HTML Hidden Input

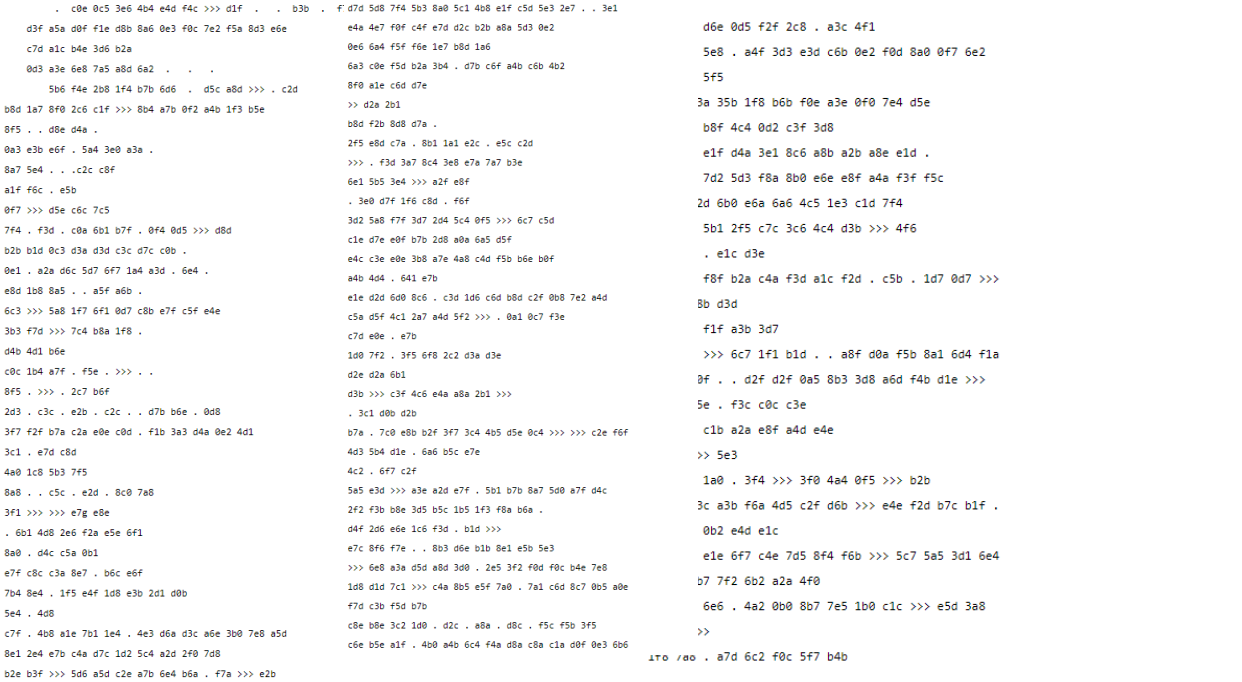
- `we ahm sea e hraeakr aomyb tkdekemv rmabkdn dnvcoeodua.legiaaeet todmaae`
- `nhtafe  dagh pag ohc isi n?thhflte mh denndekhi  hitei - 6|0`
    - **Plaintext:** `what do breakthecode and kim kardashian have in common? They both had stuff leaked. The leaked image might have a deeper meaning`
    - **Cipher:** Railfence, Rails = 6, Offset = 0, Keep non-alphanumerics (solve link)
    - **Source:** HTML Comment
    - *Possibly* refers to the leak of the Gy SVG or LaserMeme

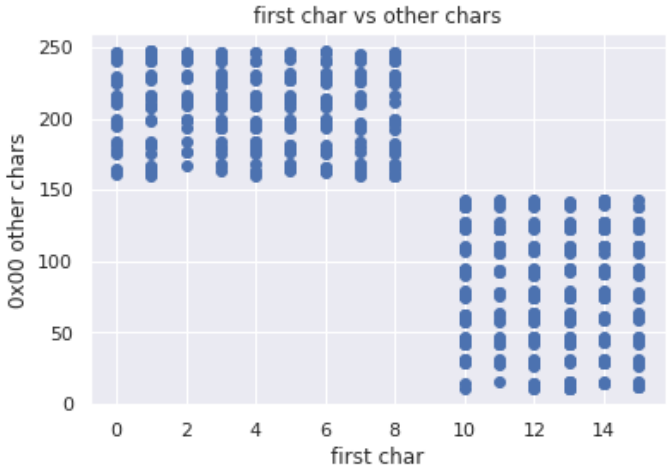
- `Za ualjc zrwu feddlc, yae qwmrz oivz za laag iz yaep scllfravc`
    - **Plaintext:** `To solve this puzzle, you might want to look at your cellphone.`
    - **Cipher:** Substitution cipher. K = OQEZUPKFAVJLGDWRMHCBSNIXYT (solve tool)
    - **Source:** HTML Hidden Input
    - There has not been a confirmed use or reference to this hint yet.

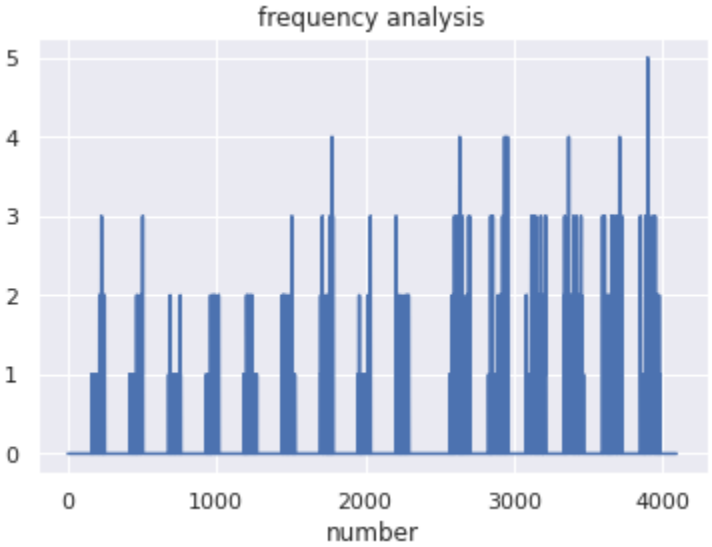
- `RG8gbm90IHdhdGNoIHRoaXMgaHR0cDovL3d3dy5jZG5maWxlcy5ob3N0L3YxMC9hc3NldHMvY2ljYWRhNDA0Lm1wNA==`
    - **Plaintext:** `Do not watch this http://www.cdnfiles.host/v10/assets/cicada404.mp4`
    - **Cipher:** Base64 (solve link)
    - **Source:** HTML Comment
    - **Video Meta:** Not yet analyzed, though reports say nothing present.
        - Exiftool report available - Link
        - Raw text: https://pastebin.com/fpzp4Ezi
        - Converted to binary: https://pastebin.com/N1eJuisz

- Multiplying the length of the video (23 seconds) by the host version of the video (2) is 46, the ASCII repsentation of a dot character.

Note: this looks like hex that has transforms done to it. Maybe Java functions? “>>>” function in Java:







https://pastebin.com/JgcYfGhw

Frequency analysis

Notes on frequency analysis
- No leading number starts with a 9
- Numbers take either the form letter-number-letter or number-letter-number, this has little mathematical significance.
  - means binary format of 1xxx0xxx1xxx or 0xxx1xxx0xxx
  - This could indicate dithering for some binary image format, but most likely naw.
- The numbers are pretty evenly distributed within the respective categories
- Personal verdict (but I'm just some person), these are randomly generated by someone's poorly written attempt to make it looks like random hex- they generated the numbers and letters independently, and messed up their generation range- meaning we don't have any numbers starting with 9
  - Indications of meaning would be repeated values, less distributed response.

what does ">>>" mean in java?

Potentially we need to convert the hex to binary, then run the Java functions on it and convert the binary back to text to decipher it.

The Cicada 3301 puzzle multiplied the 3301 by the dimensions of the image to get to a .com domain

For the video, Cicada 404, the dimensions of the video are 1280 * 720 (Standard High Definition)

Could also correspond to colors? See colors here

Chess Pieces

Avatar/chess piece icon has part of its border removed. (mobile) Image is also the same size as letter grid & mazes.

- This chess stuff could be a connection to an “endgame”, as a popular chess endgame database is called “Syzygy.”
- Avatar icons can be found in these links:
    - https://www.cdnfiles.host/v24/assets/img/avatars/avatar-0.svg(pawn)
    - https://www.cdnfiles.host/v24/assets/img/avatars/avatar-1.svg(knight)
    - https://www.cdnfiles.host/v24/assets/img/avatars/avatar-2.svg(bishop)
    - https://www.cdnfiles.host/v24/assets/img/avatars/avatar-3.svg(rook)
    - https://www.cdnfiles.host/v24/assets/img/avatars/avatar-4.svg(queen)
    - https://www.cdnfiles.host/v24/assets/img/avatars/avatar-5.svg(king)
    - https://www.cdnfiles.host/v24/assets/img/avatars/avatar-6.svg(also king)
    - #5 and #6, are, for all intents and purposes, perfectly identical files (do view source and check for yourself)

Gods Images

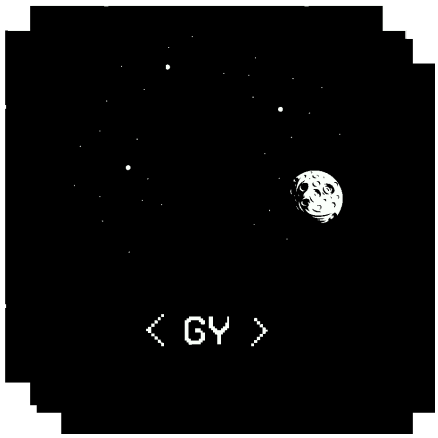
The images used in each of the God’s rooms are based on this series of images by Masterlevsha, but have been modified to add/remove/change certain features:

- https://www.shutterstock.com/image-vector/egyptian-gods-set-13-vector-emblems-1111976096
- https://www.shutterstock.com/image-vector/egyptian-gods-set-23-vector-emblems-1111976105
- https://www.shutterstock.com/image-vector/egyptian-gods-set-33-vector-emblems-1111976093

Notably, “Gy” (Anukhet) has been modified so that instead of holding an ankh in her left hand, she now holds a moon, exactly as it also appears in “Sy”’s (Khonsu’s) head.

Higher Res images from mobile svg, easier to see constellations:

Removed gods, tried to clean up the background as best as possible and animate it. Some offset, but there's also some strange parallax going on on the left side. Might just be random constellations since they're not matching perfectly.



1. Does anyone know what are the symbols on gods canes? Symbol on Condoto shipping inc. is also interesting.

   Gy - Heqa Sceptre

Condoto symbol is the alchemic symbol for platinum

https://egyptianoccult history.blogspot.com/2017/11/the-scepters-or-staves-flail-mace-ureas.html

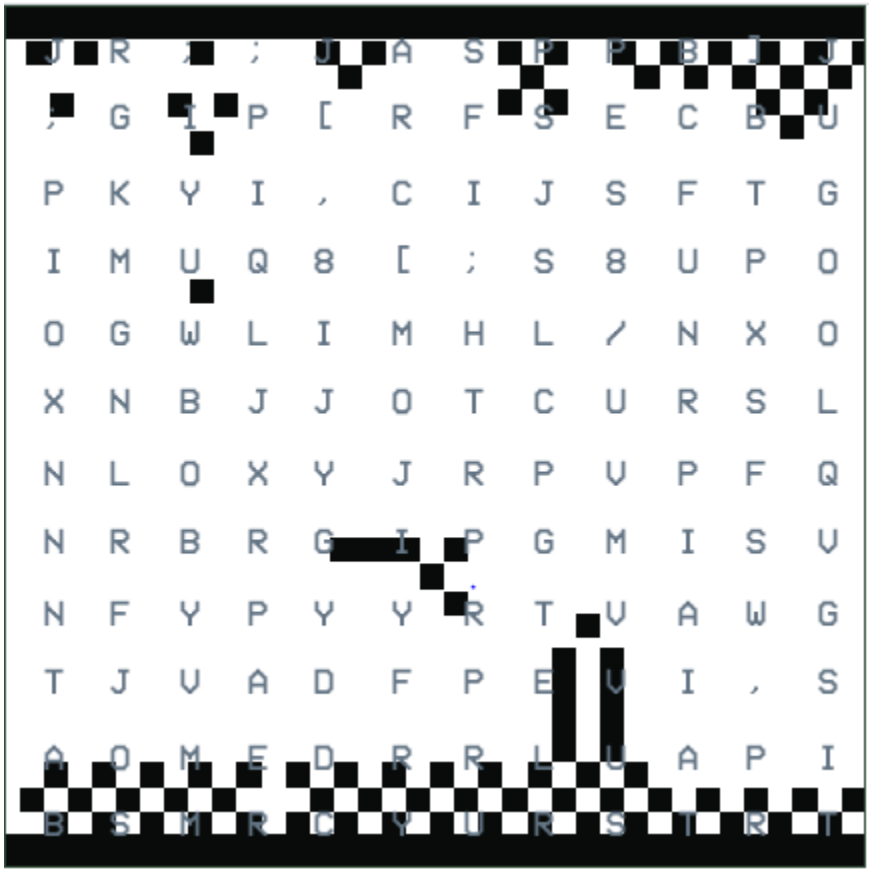
2. Also Gy is holding almost a full moon but Sy has a dark moon. Also Gy's moon is similar to the moon on 25th of this month, when voynich was released.
3. Could the moon in Gy's hand and Sy's moon head be related to Hamlet's Yorick skull?

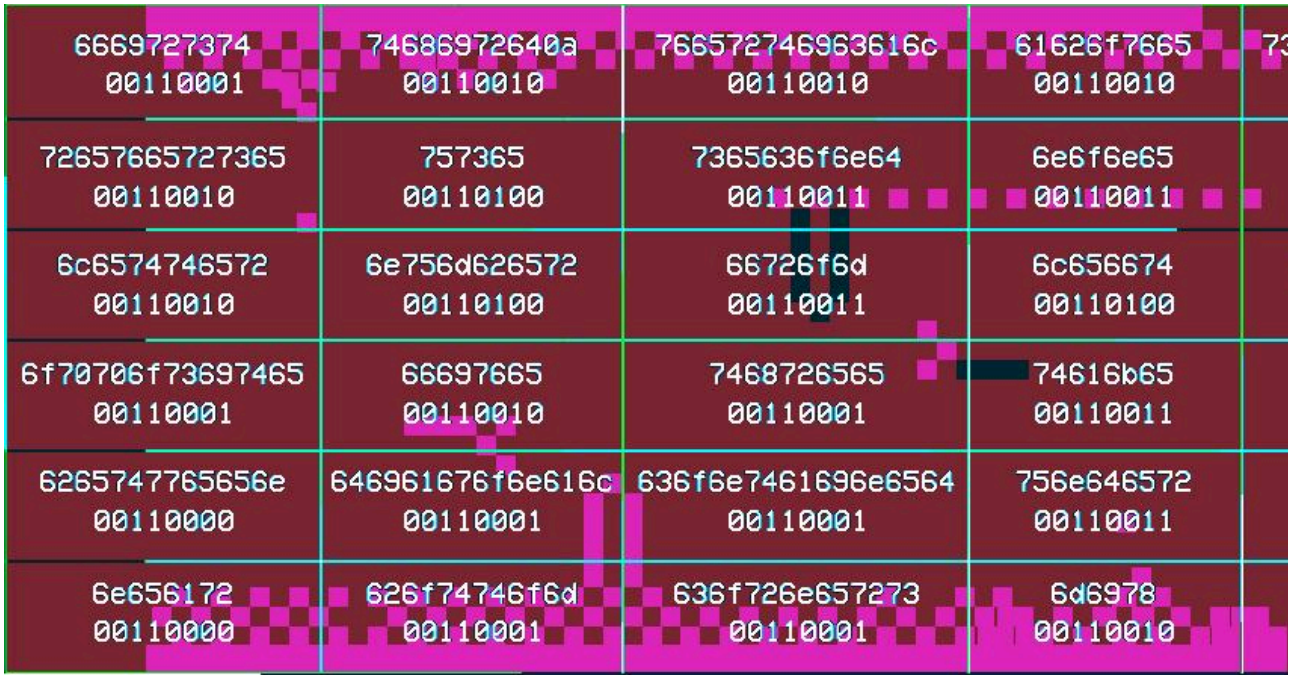
Maze Analysis

Might not mean anything - if you take the image and replace colour there's some sort of pattern

Not Conways

Possibly an old Atari game

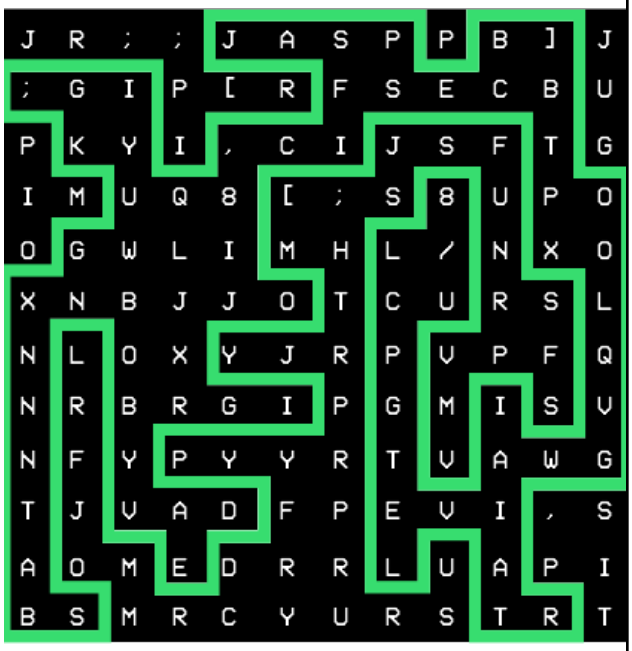
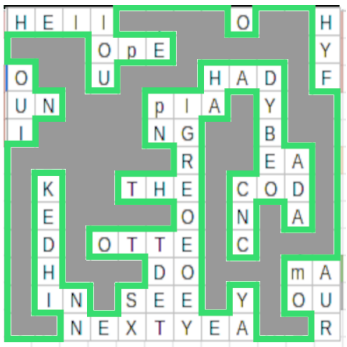


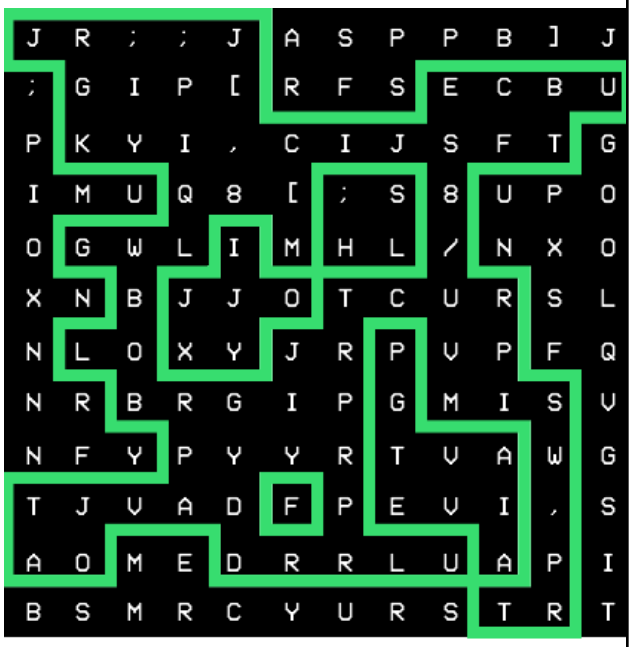


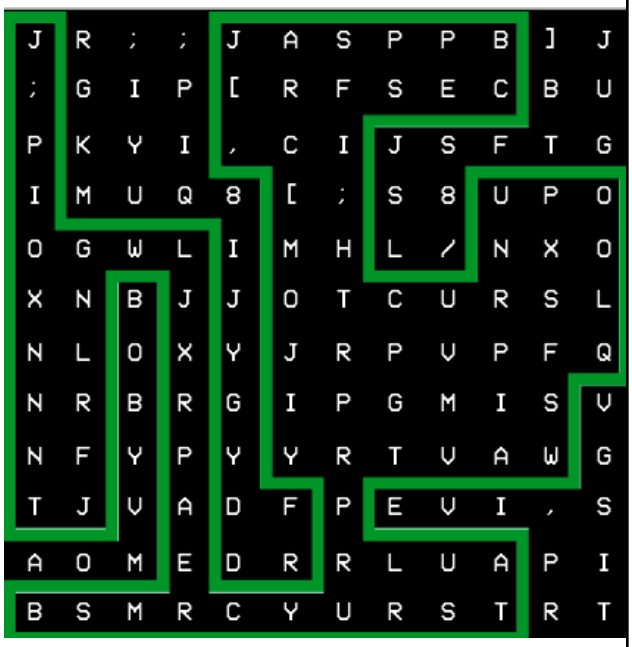
Have tried cleaning up the dither patterns from Boolos 1 and Boolos 3 then overlapping them. They look similar, but when laid on top of each other they don't match. There is some skew on different parts of the image when you align another part.

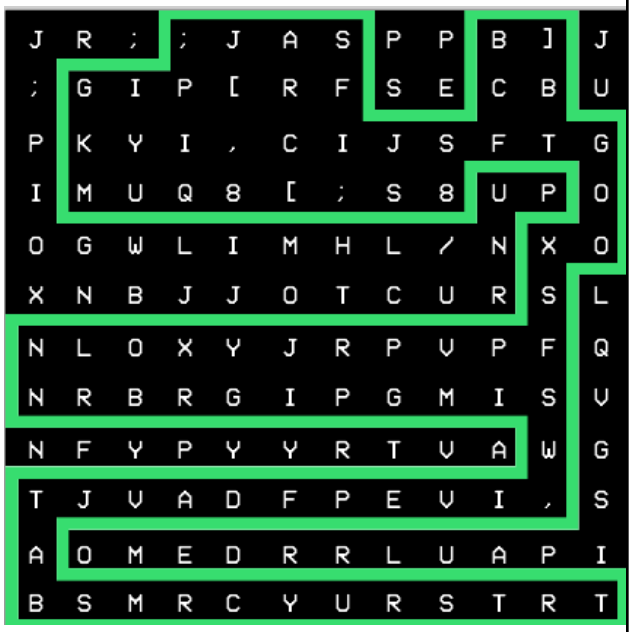
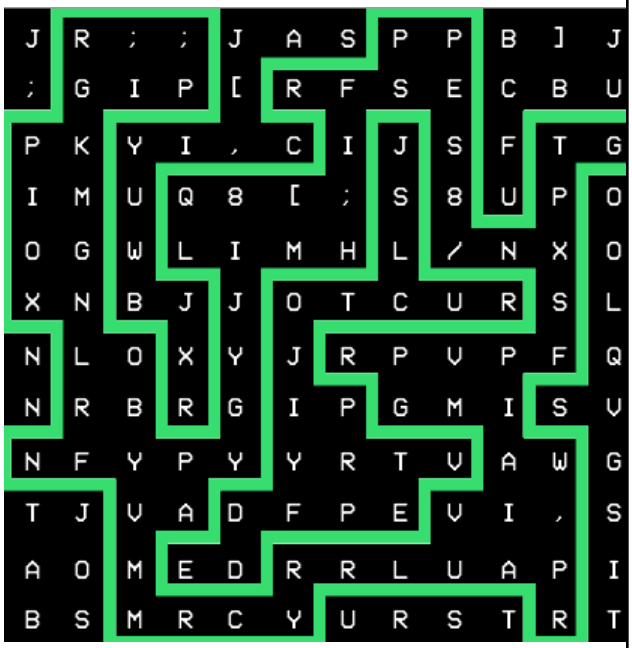
It might be Hexahue cipher, but probably not. So much noise that it is hard to get any clean numbers out of it.

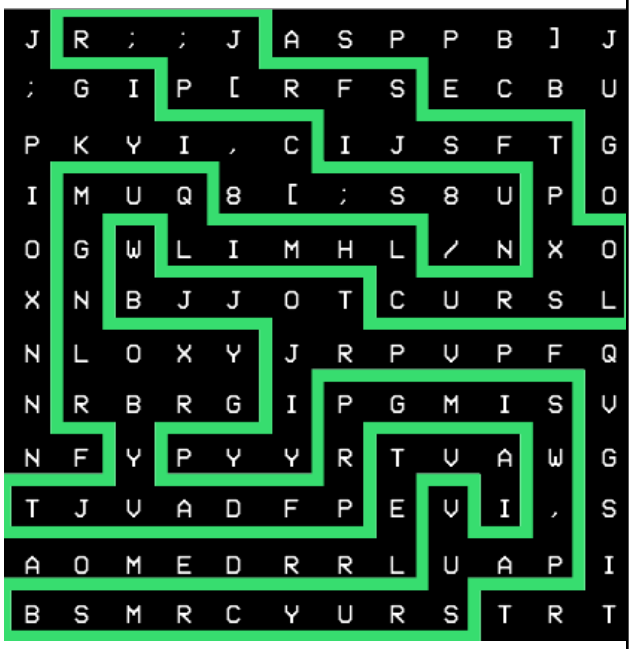
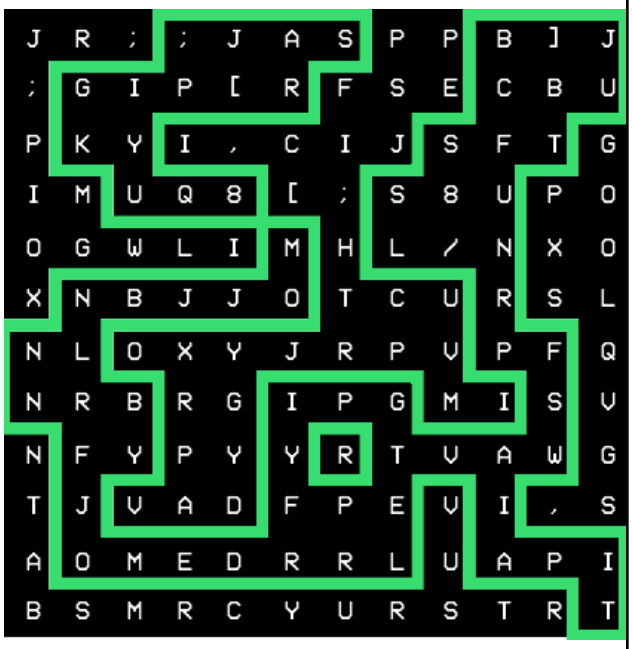
#	Image	Text	Other Images

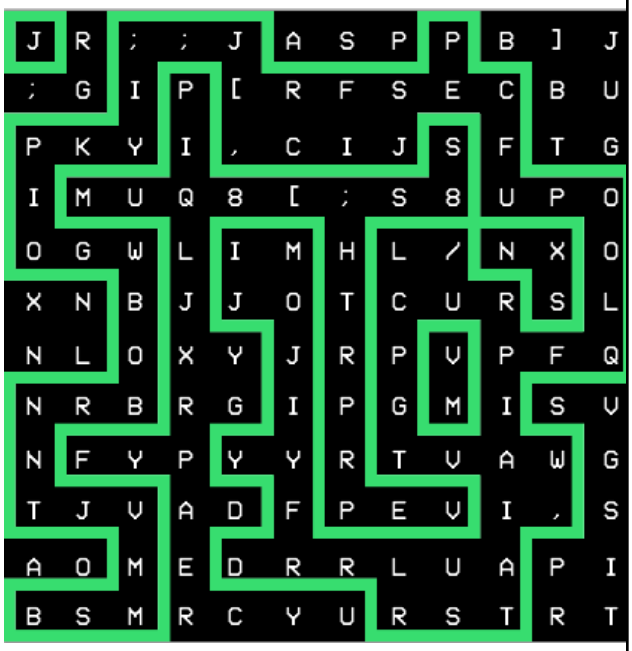
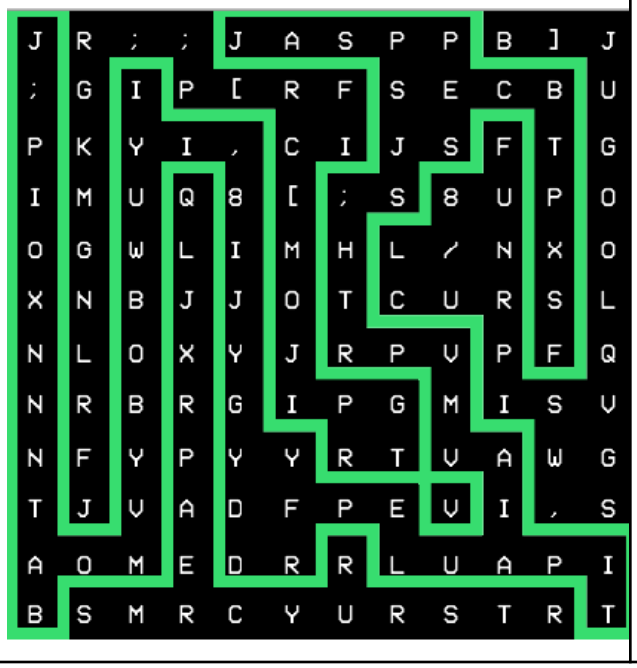
1		Inside:
		
		`jaspb];gifsecbky,cituq88pogwlil/xoxnbjjoculnoxpqnbrgigivnytawgtvadeviaelabstr`
		
		Outside:
		
		`jr;;pjp[rupijsfgim[;suomhntrslyjrvpfrpmsfpyyrvjfp,somdrrupimrcyurst`
			Inside Entropy: 4.609
			Outside Entropy: 4.014
			Plaintext Entropy: 4.068
			
			Plaintext (QWERTY Shift):
			
			Hello hope you had fun playing breakthecode on a dot tech domain see you next year
			
			 

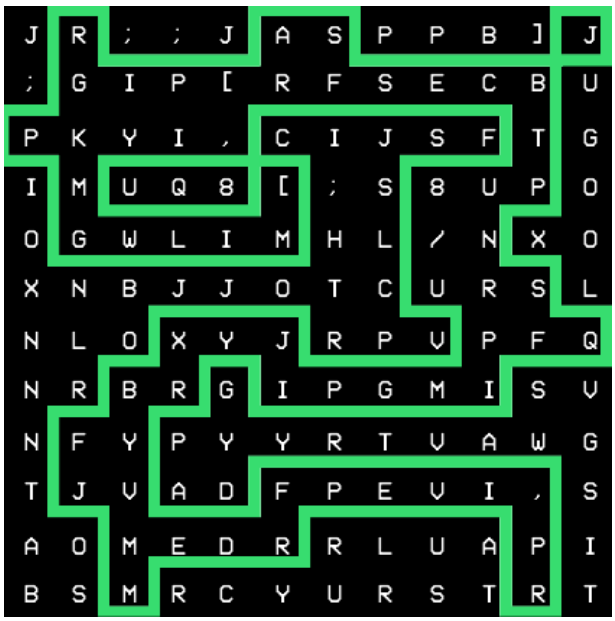
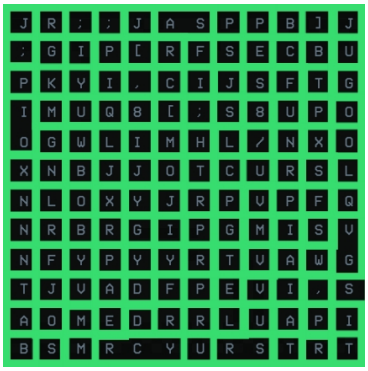
2		Inside Maze:
		
		`jr;;jgip[ecbukyi,cijsftq8[8gwlm/btcurlojrvpbrgipmispyyrwtjvadp,aodrrluptrd`
		
		Outside Maze:
		
		`asppb]j; rfs p g imu ;s upo o i hl nxo xn jjo sln xy p fq nr g vnfy tva g f evi s me a ibsmrcyurs t`
			Inside Entropy: 4.533
			Outside Entropy: 4.419

3		Inside maze:
		
		`J JASPPB ; [RFSEC P ,CI I [; UPO OGWL MH NXO XN J OTCURSL NL X JRPVPFQ NR R IPGMIS NF P YRTVAW TJ A P E  RLUA BSMRCYURST`
		
		Outside maze:
		
		`r;; ]j gip bu kyi jsftg muq8 s8 i l/ b j o y b g  y y g v df evi,s aom dr pi rt`
			Inside Entropy: 4.469
			Outside Entropy: 4.470

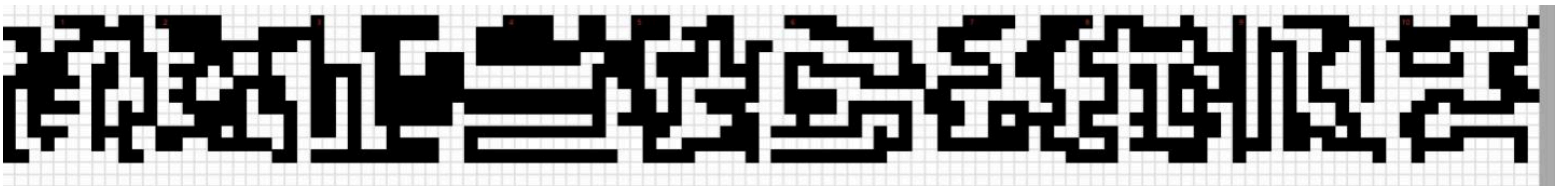
4		Outside Maze: JR; PP J ; SE U P I UP OGWLIMHL/N XNBJJOTCUR L Q V NFYPYYRTVA G S OMEDRRLUAPI Inside Maze: ;JASB]GIP[RFCBKYI,CIJSFTGMUQ8[;S8OXOSNLOXYJRPVPFNRBRGIPGMISW TJVADFPEVI,ABSMRCYURSTRT	**Inside Entropy:** 4.619 **Outside Entropy:** 4.471
5		Inside Maze: r;;ppgiprfsepkistgimq8[;8pogli mh/nxxnjsloyrpvpfrbggminfypyaw vavi,mrrluapmrcyr Outside Maze: jjasb]j;[cbuti,cjfusuowlobjotc urlnxjqnripsvyrtvgtjdfpesaoedi bsurstt	**Inside Entropy:** 4.467 **Outside Entropy:** 4.398

6		Inside Maze: R;;J P[RFS IJSFT MUQ P G LIMHL XO N CURSL LOXY RBRG PGMIS Y R W TJVADFP V , UAP BSMRCYURS Outside Maze: JASPPB]J;GIECBUPKYI,CGI8[;S8UO OW/NXBJJOTNJRPVPFQNIVNFPYYTVAG EISAOMEDRRLITRT	**Inside Entropy:** 4.443 **Outside Entropy:** 4.656
7		Inside Maze: ;jasb]jgip[rcbukysftuq8s8uml/n nbjjornlpfnrbipgsfyytvawjfpeio medrrlapit Outside Maze: JR;PP;FSEPI,CIJGIM[;POOGWLIHXO XTCUSLOXYJRPVQRGMIVNPYRGTVADV, SAUBSMRCYUSTR **NOTE**: The upper left section is a separate SVG: ;JASGIP[RKYUQ8	**Inside Entropy:** 4.577 **Outside Entropy:** 4.515

8		Inside Maze: J;;JPI[RFSECPKY,CIJFIUPOOGWIML/OBJOCURLOJPPFQNRBIGINYYTVAWTJVFI,MDRRLUABSMRST Outside Maze: RASPB]J;GPBUISTGMUQ8[;S8LHNXXNJTSNLXYRVRGPMSVFYPRGADPEVSAOEPIRCYURT NOTE: J in upper left is a separate svg	**Inside Entropy:** 4.527 **Outside Entropy:** 4.516
9		Inside Maze: JJASPP;ISECBPYI,JSTIU8;SPOWIHXXBJTSNOYRPVFNBGMNYYYVATVDFPEIAOMDRLUAPIBT Outside Maze: R;;B]JGP[RFUKCIFGMQ[8UOGLM/NONJOCURLLXJPQRRIPGISVFPRTWGJAV,SERSMRCYURSTR	**Inside Entropy:** 4.451 **Outside Entropy:** 4.540

10		Inside Maze: RASJGIP[RFSECBPKYI,TM[8UPGWLIM/NURSXYJPFQBRIPGMIFYJVFPEVI,MEDRPMR Outside Maze: J;;JPPB]U;CIJSFGIUQ8;SOOHLXOXNBJJOTCLNLORPVNRGSVNPYYRTVAWGTADSAORLUAIBSRCYURSTT NOTE: J in upper right is a separate SVG	**Inside Entropy:** 4.421 **Outside Entropy:** 4.426 AS IO VG (S?) RCY RS Anagram of 'gravy scissor', tested and does not work 

All the mazes coloured in



Additional Reference Links

Links in this section are made and maintained by the community as a whole. They are not endorsed by the maintainers of this document, but may provide valuable or useful information nonetheless.

- **Answer Ideas Sheet**
  Answer ideas tracker created by other community members. May contain guesses or information not fully verified.
- **Dot Theory by Andrea_walrus#7559** - **POSSIBLY HEAVY SPOILERS**
  Theorization document explaining the Dot Theory and collecting evidence that points in favor of it.
- **Wrong Answers Pastebin**
  Paste by Server EX containing known wrong answers and other information. Confirmed safe despite pastebin warning. Regularly updated.

- **Maze Analysis Sheet** (See Boolos 3 Tab)
  A Google Sheets doc specifically analyzing maze text for any useful information for 2-10

Theories

Some of the keys to cyphers are the same or have some kind of similarity. Maybe the keys from the cyphers have something to do with the end of the maze or leading to another clue?

Wait guys. Look at the above pic. It says “keep trying codebreaker,” not “keep trying, codebreaker.” what if it is trying to tell you to literally try “codebreaker,” not referencing you as codebreaker. But codebreaker is in the confirmed wrong answers.

I also thought of this, i dont see how they could say: yea the answer was saying codebreaker 3 times...

Maybe it is that whole sentence as an answer: “Codebreaker, you are almost there.”

Maybe the main puzzle is a multilayer cipher, where each layer is encrypted with a different kind of cipher. Presumably there are 10 layers, where the mazes from GY's room indicate which part of the decoded layer is the message for the next. Each "red herring" could be a clue to the type of cipher used in one of the layers. For example the "Keyboard"-riddle answer from SY's room may then be the hint for the first layer.

Could the position of the mazes in the background of Gy’s chamber mean anything (I don’t mean the actual mazes with the overlay, but their position on the webpage - as stars).

Syzygy is a form of chess endgame table. Perhaps one of the ciphers translates to chess notation that can be input into the Syzygy database to find the name of the name of a famous endgame?

Also Ken Thompson apparently used it heavily, who wrote an article called “Playing chess against God”. Perhaps related?

Also since the leak was put into the puzzle, perhaps the answer is the name of the trophy that Bhowmick was holding? Can’t find any info on it though

- Guys, what I believe is that the clues in Sy's Chamber : "SY AND GY HAVE SOMETHING IN COMMON" and "WHAT DID VOYNICH TEACH YOU" relate to the solution of Sy's Chamber itself because Sy and Gy have moon in common (STAR) and from both the puzzles from Voynich, we can say that "Voynich taught us that the answer is right in front of" referring to the images of Sy and Gy for the solution of Sy's Chamber.
- Not only this, but for Zy's Chamber too, I believe that the clues "TO SOLVE THE PUZZLE, LOOK AT YOUR CELLPHONE" and "WHAT DO KIM K/BREAK THE CODE HAVE IN COMMON" refer to the solution of Zy's Chamber itself

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because both those clues have "technology" as an answer and if you guys
remember, tech was one of the main guesses in Zy's Chamber.
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When the response is wrong does it always say: Pss... Gy says" Grit is the stubborn refusal to quit. Keep trying Codebreaker, you are almost there." ?

There are 5 mazes with single letter blocked off 2, 7, 8, 9, 10. Reads FRJVJ -> OASES. There's a song called Urban Oasis in an album called Syzygy. Dunno if it means anything.

When all mazes are overlayed on the grid, there are 4 pairs of letters. A possible arrangement of these letters is Viragos.

- Viragos can mean a female warrior. Gy is depicted as a female.
- The Vulgate Bible (Latin 4th century) has an excerpt in Genesis of Adam naming the first woman Virago.
    - https://en.m.wikipedia.org/wiki/Virago
- In Chess, when the vizier piece was updated from a king-like movement to a queen, it was commented on as a "bellicose virago".
    - https://www.newyorker.com/magazine/2004/06/07/birth-of-the-chess-queen/amp
- In the Avengers Endgame, there's a tribute scene in the final battle highlighting all the female Avengers.

NOTE: I've tried Viragos and it is not the answer but maybe this is a possible lead.

WRONG LEAD ->(Inspecting breakthecode.tech main page has this code blpcfgokakm).