

CS 5 fall 2020, hw 0 guidelines...

+ Get some grading nourishment (it's Zoom-with-your-choice-of-snacks)

Open the [submission site](#) - and the [assignment](#)

[GOLD + BLACK grading]

[STEP 0 - getting used to our new Submission/Grading system]

If you don't have an account, have any other grutor create one for you!

Then, LOG IN as your own email/GradeScope account (up to you)

THEN, let's start by **grading the readings** to get familiar with the system...

As you go, please DO NOT change any of the rubric items...

Feel free to **use** the rubric items, but don't change them....

Instead, use the "*personalized*" *comments box* underneath!!

+ Along with any score adjustments in the field next to it

+ Better to take the **lower** rubric item

+ Then **add** points to it and add a comment!

[STEP 1 - readings]

- Grade all reading responses: **5 pts: good!** **4pts: unconsidered** **<=3pts: what?!**

- The article: <https://www.cs.hmc.edu/twiki/bin/view/CS5/Reading0Gold>

- The prompts (they needed to address one **or** both):

1. Have there been moments in which you felt that your language or another language "got in the way" of something you wanted to accomplish? That is, have you "bumped into a language's boundaries," in the manner suggested by the article? Elaborate briefly. *or*
2. To what extent do artificial languages (such as Python or Picobot) have the ability to shape human thought, if at all? Or are such languages fundamentally different from human ones, such as Guugu Yimithirr or English?

- **NOTE:** many files will be one crazy-long line -- *here's an easy way around that:*

- + Triple-click to grab the line - and cmd-c to copy it
- + Single-click to create a comment box (cool!)
- + Paste the long single line into the comment box -- then, expand the lower right corner - voila!
- + Feel free to keep (or, more likely, remove) the comment box afterwards...

- You might want to create a favorite response and then vary it.

- + The default should be **0.0** (so called negative-scoring) for full credit...

- + Extra-credit of +1 or +2 is ok for exceptional efforts, creativity, etc.

- **Goal for grading comments for the readings...**

- + Try to personally connect with something about the author's response -- perhaps something you agree with or also thought was interesting. Or -- it's also great to share something not in agreement. E.g., "I agree with your point about ____, though my take on ____ was more skeptical."
- + *Main point*: our hope is to call out and connect to at least one idea from each response.

- **Examples (do personalize as you see fit!)**

+ One of my enthused 5/5 comments: Wow! A great response, in which you've addressed the prompt/prompts and included some external or some of your own ideas, experiences, or reflections (typically it's this weaving of your own ideas that pushes the score to a 5 out of 5). Wonderful!

One of my 4-out-of-5 comments: Nice response to this week's reading (4/5): it's clear that you've thought about the article and responded to the prompt. (Typically on these readings, a 5/5 score would indicate that some outside ideas, additional depth, or personal experiences have also been brought to bear in reflecting on the article. That said, we realize this is only 5 points -- and hope you found the article interesting!

+ Adapt to your own style, to be sure!

+ Here is a [page of guidelines and possible comments for reading responses](#).

[STEP 1.42 - lab and autograded problems]

- this week, we'll have specialized teams go through the lab problems ... to get the hang of it (thank you, lab teams!).

- It's nice that grading is by default anonymized -- and, fortunately,
- you **can** find the student name as needed -- here it's needed for lab-list checking
- to do so, hover over the underlined submission number in the lower-left corner

Give full points (and a message such as "Full credit here -- Keep coming to lab!!" or "Lab is Fab: See you next week!!") if they attended lab...

- If they didn't sign in for lab, estimate (by eye) how much they finished and give proportional points.
-

[STEP 2 - problems that need to be READ...]

- Sometimes, the files simply need to be run by hand.

THIS WEEK WE DON'T RUN ANY PROBLEMS BY HAND -- please just read over the code...

This week's problems-to-be read: (**Gold**)

* **Gold** problem 2a, (rock-paper-scissors), hw0pr2a.py

* **Gold** problem 2b, (adventure), hw0pr2b.py

Here are the details on these:

Problem-by-problem guidelines

gold hw0pr2b Adventure! (20 pts)

- Read over their code briefly - ***no need to run it (takes _way_ too long...!)***

- Commenting was not important this week: *do warn if no docstring*

- Does the code have at least five conditional blocks with various if/elif/else combinations? **If not, -3pts for each one missing** Feel free to approximate on this...

1. An if, elif, and else control structure (with exactly one elif)
2. An if, elif, elif, ... and else control structure (with at least two elifs)
3. An if, else control structure (with zero elifs)
4. An if, elif, ... control structure (*with one or more elifs but no trailing else at all*)
5. An if control structure (*with no trailing elif nor trailing else at all*)

- Do they have awesomeness?! **+3 or more extra credit pts**

- Tell me the login name of any I should show in class!

- Anything else cool/unusual? Mention it in the comment! (*Let me know so I can show it!! - ZD*)

- As always, include encouraging comments about upcoming CS (or other) hw - for example, perhaps some variant on this. Adjust as you see fit...

Example comment (you'll want to vary, of course: ideally, note something specific you liked!)

Well Adventure'd! Your story has an impressive array of `_binocular_` characters, though, to be honest, I would have preferred more of the `trinocular` variety...

Good luck with hw1's recursion!

gold hw0pr2a RPS (20 pts)

- Read over their code briefly - **no need to run it**
- Commenting was not important this week: *warn if no docstring*
- Does the code have at least three branches? **If not, -10pts**
- Did they add lizard and spock (or any 5-player game), played fairly? **+3ec pts**
- Did they add even more options (RPS-25?) or other craziness? up to **+5ec pts**
 - Tell me the login name of any I should show in class!
- Anything else cool/unusual? Mention it in the comment! (*Let me know!!* - ZD)
- As always, include encouraging comments about upcoming CS (or other) hw - for example, perhaps some variant on this. Adjust as you see fit...

Example comment: (you'll want to vary, of course!)

```
def grutor_comments():  
    print('Nice work on the RPS problem!')  
    print('Good luck with recursion this week.')  
    grutor_comments()    # Welcome to StackOverflow
```

black hw0pr2 Google's Secret (functions) (20 pts)

- Read over their code briefly - **no need to run it, as the autograder should have...**
- **Commenting:** **-1pt** for each docstring missing (max: **-3pts**)
Actually -- let's make this week only warnings!
- Anything else cool/unusual? Mention it in the comment!
 - + Extra point or two always possible...
- Did the tests fail for some small thing? **Restore points - up to your judgment**
- Remember that the **prime** problem was extra credit...
- As always, include encouraging comments about upcoming CS (or other) hw - for example, perhaps some variant on this. Adjust as you see fit...

```
[1] Nice work on the Google's Secret problem!  
[2] Good luck with recursion this week.  
[3] Recurse to [1]
```

Thank you, everyone!

How to get to this page:

The CS5 site should be top link when Googling

These notes are linked at the bottom of CS5's page as

hmc cs5

for grutors - week 0 guidelines

OLD items:

GREEN graders: [editable wk0 guidelines](#) [read-only full-course guidelines](#) [both from '18]

OLD: [2018's page](#)

OLD: CS 5 fall 2016, hw 0 guidelines...

- Get some grading nourishment! Open the [submission site](#) - and the [assignment](#)

[NEED: Green team of 5-10 people]

- [Prof. Bush's week 0 grading guidelines](#)

[NEED: CS5 Black specialists: 4-6 people]

- Look at hw0pr2.py: comment on docstrings, formatting, etc. (*see below*)

[NEED: Lab team of 3-4 people]

- Ballpark the % completed for those who did not sign in on the lab sheet...

[NEED: Extra-credit team of 2-3 people]

- Look over problem hw0pr7.txt; score + include a thought/comment...

[NEED *this week*: Picobot team of 3-4 people]

- check 0/25s by hand, warn if name or un-hashed comment caused problem...

[NEED all weeks: 1-3 *Food Czars*] *To organize the dinners!*

[GOLD and BLACK grading]

[STEP 0 - lab and autograded problems]

- this week, we'll have specialized teams go through the Picobot problems, for sanity checking, and the labs (for those who didn't join the lab time...)

[STEP 1 - readings]

- Grade all reading responses: **5 pts: good!** **4pts: unconsidered** **<=3pts: what?!**
- The article: <https://www.cs.hmc.edu/twiki/bin/view/CS5/Reading0Gold>
- The prompts (they needed to address one **or** both):
 1. Have there been moments in which you felt that your language or another language "got in the way" of something you wanted to accomplish? That is, have you "bumped into a language's boundaries," in the manner suggested by the article? Elaborate briefly. *or*
 2. To what extent do artificial languages (such as Python or Picobot) have the ability to shape human thought, if at all? Or are such languages fundamentally different from human ones, such as Guugu Yimithirr or English?
- Here is a [page of guidelines and possible comments for reading responses](#).
- Please grade the readings for CS5G and CS5B (gold and black)

[STEP 2 - problems that need to be run by hand]

- Sometimes, they simply need to be run by hand.
- Easiest: copy or download the Python file
 - from there, **cd cs5grading/hw0** to get to all of this week's files

This week's only one needs to be run my hand:

* Gold problem 2, (rock-paper-scissors), hw0pr2.py

- ***In any case, include an encouraging comment of some sort***
 - If there was something unusual or special, call it out!
 - You might make a file of comments + re/paste them, for efficiency + **safety**

Problem-by-problem guidelines

gold hw0pr2 RPS (25 pts)

- Read over their code briefly - either download or paste it locally + **run it**
- Commenting was not important this week
- Does the code run? ***If not, -10pts***
- Does the code have at least three branches? ***If not, -5pts***
- Did they add lizard and spock (or any 5-player game), played fairly? **+3ec pts**
- Did they add even more options (RPS-25?) or other craziness? up to **+5ec pts**
 - Tell me the login name of any I should show in class!

- Anything else cool/unusual? Mention it in the comment! (*Let me know!!* - ZD)
- As always, include encouraging comments about upcoming CS (or other) hw - for example, perhaps some variant on this. Adjust as you see fit...

Nice work on the RPS problem! Good luck with the recursive Python functions in this week's assignment!

black hw0pr2 "Google's Secret" (25 pts)

- Read over their code briefly + **look for style points you might make...**
- Docstrings! (-3 if there are none, -2 or -1 if a few/one are/is missing)
- Did the tests fail for some small thing? **Restore points - up to your judgment**
- Remember that the **prime** problem was extra credit...
- Anything cool/unusual? Mention it in the comment! (*Let me know!!* - ZD)
- As always, include encouraging comments about upcoming CS (or other) hw - for example, perhaps some variant on this. Adjust as you see fit...

Nice work on this "Google's Secret" problem! And good luck with the recursive Python functions in this week's assignment!

Thank you, everyone!

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Also, the submissions site is at

hmc cs5
for grutors - week 0 guidelines
cs.hmc.edu/submit

Older notes:

gold hw0pr3 and 4 [Picobot empty room and maze](#)

- Already autograded
- Check the list of line numbers...
- Add points if they got the extra credit...
- Plus, for those E.C. folks, perhaps add a pirate-themed Picobot comment -- [see this page](#)

gold hw0pr5 [Picobot stalactite room \(ExCr of up to +5pts\)](#)

- Paste their code into Picobot www.cs.hmc.edu/picobot
- **+5ec pts** if it works
- Congratulate profusely!
- Add a Picobot comment, pirate-themed, perhaps -- [see this page](#)