

CS 5 spring 2021, hw4 guidelines...

Gold and **Black**

The hw we're grading (hw#4) : [Link to gold HW: Hw 4. gold](#)

[this week's optional comment theme: **Among Us jokes**] Image meme:
<https://preview.redd.it/q9cov32d2bq51.jpg?width=640&height=660&crop=smart&auto=webp&s=5be2bb9e28c0ea5a4fb403c9bbfb74a2bbe8eaf2>

Or, variations on...

Your code was not the impostor.
1 impostor remains.

(cs5 warning: the impostor may be disguised as a multiplier circuit!)

hw4pr0: *reading responses (to the Ariane5 article)*

- Read the excerpt and questions at <https://www.cs.hmc.edu/twiki/bin/view/CS5/Reading4>
- Week 4 had two prompts - they should have addressed both (-1 or -2 if not)
 1. Which contributing factor within the bug's origins [[of the Ariane 5 rocket]] (there are many!) strikes you as the "most preventable" and why? Of course, this will be in hindsight....
 2. The investigative report that uncovered the bug stated that software "does not fail in the same sense as a mechanical system." Do you agree or disagree with this statement? Explain briefly.
- Here is a very general [page of scoring guidelines and possible comments](#)

hw4pr1: *lab (base conversions)*

- These lab problems will be handled by our lab-grading experts! (Thank you!)

hw4pr2: **Gold** *Conversions and Compression*

hw4pr2: **Black** *Conversions and Compression*

hw4pr3: **Black** *Quadtrees!*

For all of these assignments, things should already be auto-graded, but please

- check them over / adjust grade based on style and effort
- **Style points**
 - take off **-6** points if there were lots of functions with **no docstring**
 - take off **-2** points if there were ~2 functions with **no docstring**
- **Correctness points - already autograded**
- **If they lost lots of points**
 - check to see if there was a cascading error that did it (perhaps unrelated)
 - if so, you can give BACK some points to reflect the effort involved

- - this can be done for the whole assignment (give 20-30/60) or per-problem
- - probably not beyond **40-45** or so points for non-working code
- -- *all the more reason to give a score of **42!***
- give an encouraging comment (and Zombie joke, or your other favorite joke...)

hw4pr3 **Gold** (extra credit): Image processing!

- Take a look at their images! [Here's the hw page....](#)
- If they did **everything** in the extra credit specification, but only on the SPAM image (or any one image), give **+7.42** These are
 - greyscale, binarize, flipVert, flipHoriz, mirrorVert, mirrorHoriz, scale
 - IF they *didn't include the images themselves*, **give +1**
- If they **also** added their own image **or** added their own image-processing algorithms (let's say for at least 2-3 outputs), **give +10**
- Partial E.C. points are available, perhaps **+4.2** if they tried `_some_` image processing work (beyond the examples provided!)...

If time [Not in S'21],

hw5pr1 and hw5ss1-4: **Gold** (new labs + screenshots)

Thank you, everyone, for grading CS5!

See you next Th for *circuit grading...*

Worth keeping on all grading pages: XKCD's 10,000 strip: <http://xkcd.com/1053/>

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
 Also, the submissions site is at

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

Older things:

Black Link to [CS5 BLACK grading page](#) BLACK!

GREEN graders: [editable guidelines](#) [read-only full-course guidelines](#)

"Good" zombie jokes to use...

Actually, these are not good... there should be better ones, but perhaps it's a sign that there aren't!?

- Q: Why did the zombie ignore all his new Facebook friends?
- A: He was still DIGESTING all his old Facebook friends!
-
- Q: What did one zombie say to the other zombie while eating a comedian?
- A: This tastes FUNNY!
-
- Q: What do vegetarian zombies crave?
- A: GRAAAINS...more GRAAAAAAINS!