

Fall CS 5 2024, hw 10 guidelines...

Black BLACK! [hw10black](#)

CS5 GOLD Gold! The hw we're grading: [Link to gold HW: Hw 10. gold](#)

Gold and Black

This week's **grading-comment theme**: *The Shakespeare challenge: William vs. Markov?*

Below is a possible starting point for a grading comment this week - especially for hw10pr3.

+ (Answer: The (B)s are real. The (A)s are Markov-generated... ++ You decide if you want to include the answer or not! :-)

Nice work here!

In the spirit of hw10, we present you the following puzzle: [correct answer:]

Which of these four quotes are Markov-generated Shakespeare and which are by the Bard himself? Each pair has one of each...

Shakespeare challenge: William or Markov?

(A) This is not in place; this lantern in my rhyme, exceeded by my dream.

(B) Thou bearest the lantern in the poop - but 'tis in the nose of thee.

(A) Resty sloth finds brotherhood in man

(B) Resty sloth finds the down pillow hard

(A) For he says my knightly stomach serves me, gentle heaven

(B) Thy garter, blemish'd, pawn'd his knightly virtue

(A) I must talk with her beauty, that lift me ill

(B) Infect her beauty, you fen-suck'd fogs

Whether themed or not, ***please do include a brief comment with hw10pr3...***

Thank you!!

CS5 GOLD:

The (gold) hwk we're grading: [Link to gold HW: Hw 10. gold](#)

hw10pr0: *reading responses* (to the algorithmically-generated article [article](#))

- ***Lateness:*** - *don't worry about lateness - that's taken care of at the end...*

- Read the excerpt and questions at <https://www.cs.hmc.edu/twiki/bin/view/CS5/Reading10>

- Week 10 offered one prompt and a "quiz" to distinguish algorithmic from human prose...

The prompt

- The article links to a "quiz" where you can see if you can tell if snippets were algorithmically or human-authored. Here is the direct link: [Link to algorithmic authoring quiz](#). Try the quiz (there are only six snippets). How did you do? To what extent do you feel that automatic authoring is a positive (or negative) development? As usual, thoughtful middle paths (or alternative viewpoints) are welcome... .

- Here is a general [page of scoring guidelines and possible comments](#)

hw10pr1: lab (The Date Class... 25 pts)

- Lab! with help from autograders + lab graders -- thank you, lab graders!

hw10pr2: connect four (The Board Class... 35 pts)

- Autograded!
- Check if the autograder failed, but everything looks like it worked
 - + this is common when a line like `b.hostGame()` is at the bottom of the file...

hw10pr3: Markov text generation (35pts... +2 to +5 extra-credit pts possible)

- Style points

- take off -2 points if 1 function is missing a docstring (there are only two...)
- take off -4 points if both are missing docstrings (`createDictionary` and `generateText`)

- Correctness/completeness points

Autograded!

Also, Look over their Markov-generated CS-essay at the bottom of their file

-10 points: If they didn't do a CS-essay!

Adjust relative to the effort...

Perhaps comment on their CS-essay and/or use the Shakespeare: Markov or William? Note above...

- Extra credit! +1 to +4 ex.cr. points...

If there are *especially* interesting/amusing/astounding Markov results): **+1 to +4 ex.cr. points...**

Thank you, everyone, for grading CS5!

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

[here are a previous term's guidelines](#) in case they're needed

Green

GREEN!

[editable guidelines](#)

[read-only full-course guidelines](#)

Old guidelines for gold and black:

2022:

CS5 BLACK:

The (gold) hwk we're grading: [Link to gold HW: Hw 10, black](#)

hw10pr2.py: "Difficult Decisions"!

- + We look to Kevin H. (and Prof. Kuenning) for insight on this (?!)
- + I propose that we construct a feasible + reasonable workflow...
 - + ... and then go with it!

hw10pr3.py: HUFFMAN!

- + This should be autograded...
- + **If they got full autograder points**, give them +0.42 (or more) for awesomeness!
- + **If they got 35/70 autograder points**, look over their code -- if it looks like full effort was made, give them another +15 for the effort (if there are few docstrings) OR +25 for the effort if there are basically all the docstrings!
- + **If they earned 0 autograder points**, check for effort -- if there was reasonable effort, give +42.0 points -- more for exceptional effort, less for partial effort...

The other cs5black problems were similar to gold... .

pre-2022:

hw10pr4.zip: *Extra-credit Connect-Four programs*

- Try their code - they should have used the `graphics.py` library
 - the starter file is at the bottom of this page: <https://www.cs.hmc.edu/twiki/bin/view/CS5/Connect4Board>
 - give +5 **points** for successful graphical **output** using the library
 - give +10 **points** for successful graphical **input + output** using the library (click-to-play-a-checker)
 - give intermediate values for partially-working results and initial effort...