

Practicum 3

Exam Requirements

This practicum is closed notes, closed internet. The only sites you may visit are MyCourses, GitHub Classroom, and Discord. You are also allowed to use the IDE of your choice (Visual Studio Code for most).

- You do not need to comment your code except for you **must** replace <Your Name Here> at the top of each file with your name.
- The link for the GitHub Classroom repository is in MyCourses | Content | Instructor Materials | Herring | Section | Practicums.
- You are required to join the course Discord server and join the Practicum voice channel while taking the exam. You will remain on mute, do not ask questions via the voice channel. If you have any questions, please direct message me in Discord.
- You may leave when you have finished the exam.
- You have 90 minutes to complete the practicum and push it to GitHub. The last push before the deadline will be graded
- **Do not** change the names of any of the provided functions.
- You must use the provided functions.
- A test file 'exam_test.py' has been provided. You should use it to run your code by entering `pytest` in the terminal.
- You can add your own tests in the question files but only at the bottom
 - You can run them by using `pytest question#.py`
- All tests you write must use `pytest`
- If you must, you can add additional non-test, non-exam code below the check for `__main__` at the very bottom

Activities

Before starting, take a moment to look over the provided code. You will have 7 python files:

1. `array_utils.py`
2. `arrays.py`
3. `exam_test.py`
4. `question_1.py`
5. `question_2.py`
6. `question_3_4.py`
7. `question_5.py`

Each practicum question is in its own file (except 3 and 4), but all are tested using `pytest`. Do not change any function names or parameter lists. The questions are unrelated (except 3 and 4), and each is worth the same point value. You may answer them in any order. If you get stuck on one, it is highly advised that you move onto another one.

Each question is documented in a comment at the top of each file. If you have questions about any of the wording, please PM me on Discord.

Submission Instructions & Grading

Be sure that you have committed all of your solution files to your repository **within** 90 minutes of the start time. Commits after the cutoff will not be pulled.

The exam contains 5 questions, and your score will be assigned out of the 4 questions you do the best on. There is no extra credit, 4 correct questions are worth more than 5 almost correct questions.

Grading Breakdown:

-5% For not entering your name at the top of the file (one-time penalty)

25% For each question based on the syllabus grading rubric