

CMSC 131 Quiz 5 Worksheet

The 5th quiz for the course will be on Tuesday, May 4th. The following list provides additional information about the quiz:

- The quiz will be posted on Tuesday, May 4th, 8 AM (morning), and due the same day, Tuesday, May 4th, at 4 PM (afternoon).
- It is designed to be completed in less than 1 hour, but I am making it available for 8 hours since people have different schedules.
- You will not have lab on Tuesday May 4th, so that should free up 1 hour for everyone to work on the quiz.
- We will have normal office hours on Tuesday May 4th, but TAs cannot answer any questions about the quiz in OH (They can help you submit if you have submit server issues).
- Did you install the correct version of Eclipse, Java 15, and course management software on your computer at the start of the semester? See here: <http://www.cs.umd.edu/eclipse/install/>

If you don't have this exact setup and you are not able to submit the quiz, that will not be a valid reason for an extension.

- The quiz will be posted similar to a class project. You will write code in an Eclipse project and submit as usual.
- You can only post clarification questions in Piazza on quiz day and a CMSC 131 staff member will reply. **You should post as a private post and we will make it public or update the FAQ if others can benefit from the answer. As a student, do not answer any piazza post on quiz day.** Debugging questions, why code is not compiling, why is code not passing a test, are invalid questions to post in Piazza.
- Posting of any kind of code in Piazza (or other public platforms), during the quiz period, represents an academic integrity violation and will be reported as such.
- The quiz will be graded based on submit server tests (release and secret) and code inspection (e.g. style, following rules, etc.). The exact rubric will not be available before the quiz. Just follow all the rules to avoid point deductions
- **You must work by yourself.** Sharing of quiz solutions represents an academic integrity violation and will be reported as such. Submissions can be checked with cheating detection software.
- You can use class resources (lecture notes, lecture/lab examples, videos, etc.), but no other resources (e.g., code from the web).
- All submissions must be done via the submit server (no e-mail). The highest scoring submission on the submit server will be downloaded for manual TA grading purposes (you can submit as many times as you want before the deadline).
- There will be a 1-hour late submission period, therefore you need to submit often and before Tuesday, May 4th, at 4 PM (afternoon) for your quiz to count on time. If you turn it in between 4 and 5 PM, it will be marked late and there will be a 5-point deduction. Questions will not be answered on piazza during the late period.
- If you are student with an extended time accommodation from ADS, the time frame provided takes into consideration your time allocation. If you need any other assistance or still have concerns to finish the quiz, contact me via email before the quiz day.
- The quiz will cover concepts covered in lecture and lab during Week 1 to Week 13 (The main focus will be on designing recursive methods). **I will ask you to write static recursive methods.** It must be recursive without any loops (if you use loops, you will get very few points on the quiz). **VERY IMPORTANT:** If you turn in a non-recursive version and it is the highest score (i.e. passes more release tests and secret tests), we will download that one for TAs to grade. Since it is non-recursive, TAs will manually deduct a large amount of points which will lead to an overall low score to be recorded for the quiz. Therefore, to avoid this problem, **do not submit any implementation that is not recursive.**

- It is in your best interest to complete this work by yourself, and following the guidelines provided above. You need to identify which topics you understand and which ones you don't, so you can be successful in CMSC132 and future CS courses.

Exercises

Attend lab during Week 13 for several exercises having to do with recursion.