

CMSC 131 Quiz 3 Worksheet

The third quiz for the course will be on Wed., October 22. The following list provides additional information about the quiz:

- The quiz will be a written quiz (no computer).
- **The quiz will be in lecture.**
- Closed book, closed notes quiz.
- Answers must be neat and legible.
- The quiz has a maximum duration of 20 minutes.
- Bring your student id.
- You must take your quiz in your assigned lecture session and not show up to a random one. We will not grade quizzes taken in the incorrect section.
- Please do not discuss a quiz after you have taken it.
- Piazza will be closed on days quizzes take place.

Quiz content

You will be given some code and asked to draw a formal memory diagram according to our CMSC 131/132 convention. In order to do well on this quiz, you must read the PDF and watch the **first 3 videos** in the link below.

<http://www.cs.umd.edu/~nelson/classes/resources/MemoryMapsInformation/>

You will not be responsible for the content in examples 4 to 7 since we have not covered this information yet. Please note that in lecture (and perhaps in lab), I often draw simplified memory diagrams and leave out some details to save time. For this quiz, you cannot take shortcuts and must draw a full formal memory diagram as specified in the pdf and the first 3 examples to get full credit. If you draw a stack frame that should not be part of the diagram, you must fully erase it. No crossing it out. So, bring a good eraser.

Old quizzes:

<https://www.cs.umd.edu/class/fall2025/cmssc131-03XX-04XX/quizzes/oldQuiz3.zip>

Do not just look at the answer. Print out the blank quiz and take it, then check the answer.