CMSC 131 Quiz 5 Worksheet

The fifth (and final) quiz for the course will be on Tue, May 2. The following list provides additional information about the quiz:

- The quiz will be a written quiz (no computer).
- **The quiz will be in lab / discussion session.**
- Closed book, closed notes quiz.
- Answers must be neat and legible.
- The quiz has a maximum duration of 20 minutes.
- Make sure you know your section number and your discussion TA's name. Bring your student id.
- You must take your quiz in your assigned lab / discussion 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.
- No posting on Piazza about the quiz after you take it.

Quiz content

You will be asked to make a formal memory diagram having a 2D array (might be of primitives or reference type). Make sure you are comfortable with all the information from:

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

Here is an example that was a quiz in Spring 2021:

http://www.cs.umd.edu/class/spring2023/cmsc131/quizzes/MemoryMap2021.zip

Note: If an object is out in the heap, but is a candidate for garbage collection (no active reference to it in any existing stack frame), delete it from your diagram before you turn it in.