Instructions:

- All of your answers should be written in the version of C provided by the Seashell environment unless otherwise specified.

- You may only use C language features discussed in Sections 01 through 07 (up to slide 20) of the course.

- You may NOT use recursion unless otherwise specified.

- You do not need to consider overflow in any of the code you write unless otherwise specified.

- When asked to provide an interface, you are required to provide the appropriate documentation.

- When you are only asked to implement (write) a function, you are not required to provide any additional documentation unless we ask you to do so, but any helper functions must include a brief purpose statement.

- Your functions do not have to check for invalid parameters but should assert any restrictions.

- For array and pointer parameters, you must use const when appropriate.

- You do not have to include any of the standard libraries in your code (e.g., stdio.h) unless the question states otherwise.

- For any code we provide you may assume that the necessary libraries have been included even if the code provided does not explicitly do so.

- If you believe there is an error in the exam, notify a proctor. An announcement will be made if a significant error is found.

- It is your responsibility to properly interpret a question. Do not ask questions regarding the interpretation of a question; they will not be answered and you will only disrupt your neighbours. If there is a non-technical term you do not understand you may ask for a definition. If you are confused about a question, state your assumptions and proceed to the best of your abilities.

- If you require more space to answer a question, there are blank pages at the end you may use instead, but you must clearly indicate in the provided answer space that you have done so.

- Do not detach any pages and do not write on the QR codes