**Lab Report for Lab 6**

1. Write a lab report including the following information:  
   1. A description of the objectives/concepts explored in this assignment including why you think they are important to this course and a career in CS and/or Engineering.  
        
      In this assignment, we created two data structures, stack and queue and implemented those data structures to implement a solution for a problem. Now, it is very true that we don’t have to create these data structures ourselves outside this class. However, it is very important as programmers to learn how these data structures actually work, and creating a simple implementation of the same structure helps a lot in achieving that goal. So, I believe that it is very important and helpful for CS programmers such as ourselves.
   2. The sections from each task indicated to be included in the lab report.   
        
      Task 3: Include in the lab report a screen shot(s) of the output of a test. Include a diagram of what the stack and queue look like in solving the sample above (you may need to show various views of a single stack and queue).  
        
      A picture containing graphical user interface

      Description automatically generated

Implementation:  
  
Text, letter

Description automatically generatedText

Description automatically generated with low confidence