

Name _____

CSC 18C Quiz #3 (25 pts) – May 3rd, 2016

All answers must be of your own work. Type out your answers and submit your quiz through Blackboard for Quiz #2 as either a MS Word document or PDF file (Mac users using Pages, make sure to Export to MS Word).

1. **True / False:** The first item added to a stack is the first one removed. (4 points)
2. **True / False:** A stack restricts access to its entries. (4 points)
3. When you remove an item from a stack, you remove it from: (4 points)
 - a. the top of the stack
 - b. the bottom bottom of the stack
 - c. the middle of the stack
 - d. wherever the client specifies
4. Stacks exhibit which type of behavior? (4 points)
 - a. first-in, first out
 - b. first-in, last out
 - c. last-in, first out
 - d. last-in, last out
5. Draw the resultant stack after the following operations: (5 points)
 1. push(X)
 2. push(Q)
 3. push (Y)
 4. push(M)
 5. pop()
 6. pop()
 7. push(T)

Make sure to label the top entry of your stack after the last operation has been executed.