LAB1: computer simulation and modeling

1. Write a program that performs the following operations
2. Inserts objects in a linked list
3. Returns/ removes the first element from the list
4. Sorts the content of the list
5. Displays the content of the list
6. Returns a random integer number between two integers (use Math.random())
7. A small grocery has only one checkout counter. Customers arrive at this checkout counter at random between 1 to 8 minutes apart. The service times vary from 1 to 6 minutes. Write a program that simulates this system for the first 20 customers and prints the average service time.