Assignment 5 (DS)

Q1. Write a C/C++ program to implement single circular linked list with below metioned functionality.
a) insertAtEnd   b) insertAtBeg   c) insertAtPos
d) display   e) listNodeCount   f) deleteFromEnd
g) deleteFromBeg   h) deleteFromPos

Q2. Write a C/C++ program to implement doubly linked list with below metioned functions functionality.
a) insertAtEnd   b) insertAtBeg   c) insertAtPos
d) display   e) listNodeCount   f) deleteFromEnd
g) deleteFromBeg   h) deleteFromPos

Q3. Write a C/C++ program to implement doubly circular linked list with below metioned functionality.
a) insertAtEnd   b) insertAtBeg   c) insertAtPos
d) display   e) listNodeCount   f) deleteFromEnd
g) deleteFromBeg   h) deleteFromPos

Q4. Write a C/C++ program to implement priority queue data structure using array.

Q5. Write a C/C++ program to implement dequeue(doubly endded queue) data structure using array.