Question 1) Write a function for DoublyLinkedList<T> which decide if the two pointers to the nodes of the given list are adjacent or not?

bool IsAdjacent(DNode<T> \* left, DNode<T> \* right) {

}

Question 2) Given the DNode<T> pointers to two adjacent nodes of a doubly linked list say, left and

right, which are not from the two extremes of the list. Write a function that swaps the two

given nodes.

void SwapAdjacentMiddleDNodes(DNode<T> \* left, DNode<T> \*right) {

}