**LABWORK 2**

**Q1)** Add insertion in the middle method to the given doubly linked list library (genDLList.h)

*void DoublyLinkedList<T>::addToDLLMiddle(const T& el)*

**Hint:** Create two pointers x an y. Start moving thorugh the linked list where in each turn x pointer moves to next and y pointer moves next's next. When y hits a null pointer stop there and insert the new item at the position of x. y = y->next -> next; is not an a good way to move two positions. Check if y-> next is null or not before.

**Q2)** Add deletion in the middle method to the given doubly linked list library with the method used in first question.

*T DoublyLinkedList<T>::deleteFromDLLMiddle()*