

## Lab 6: DLL – Create a List

The **start project** contains a class **DoublyList** with a member function, **createAList**, that creates a list. Your job is to follow the directions written inside the function and complete the implementation.

There are **9 sections** that need to be implemented in the function. Each section will go through **testing cases** that will check if the list can be printed forward and backwards, if the number of nodes is correct, if the first and last pointers are pointing to the correct node, and if the **prev** pointer of the first node and the **next** pointer of the last node are pointing to **NULL** (this will be displayed with 0s).

The **main** function will create a doubly-linked list **dList**, using the default constructor, and will call the function **createAList** to add nodes to **dList**.

### A few rules:

- You will need to declare **one pointer** and you may re-use this pointer throughout the function, but you are **NOT** allowed to create additional pointers.
- Do **NOT** remove existing comments.
- Pay **CLOSE** attention to **instructions**.

