Assignment 3: SLL/DLL Delete Before Last

This exercise has two parts. For part A, you will implement a member function of the **AnyList class**, and for part B, you will implement the same function but as a member of the **DoublyList class**.

Part A. The start project contains the **AnyList** and the **SLLNode** classes. You will need to implement in the **Functions.cpp** file the **definition** of the function **deleteBeforeLast()** as a **member** of the **AnyList class**—note that the declaration of this function is already in place. The function should delete the node that is ***before*** the last node in the list.

Consider all **possible cases**:

- The list is empty
- The list has only one node
- The list has only two nodes
- The list has more than one node

Make sure you use the **Debugger** to view the list (it is a good practice for the programming exam).

Part B. Implement another function named **deleteBeforeLast**, as specified above, but this time implement it as a **member** of the **DoublyList class**. Write the definition in the **Functions.cpp** file—this function has already been declared in the class interface.

Consider all possible cases as you did in part B.

Testing. The testing is done in the **Test_SLL.cpp** and the **Test_DLL.cpp** files. At the top of each file, you will find a statement that you can comment/uncomment to test your functions.

Below is a **partial screenshot** of the **expected output**.

```
SLL TEST: List has more than two nodes.
      List is: 75 15 84 35 56 23
Delete node before last...
     Expected: 75 15 84 35 23
  Your output: 75 15 84 35 23
```

```
DLL TEST: List has more than two nodes.
      List is: 91 87 11 48 53 65 32
Delete node before last...
     Expected: 91 87 11 48 53 32
  Your output: 91 87 11 48 53 32
Print reverse...
     Expected: 32 53 48 11 87 91
  Your output: 32 53 48 11 87 91
```