



## Florida Polytechnic University – Data Structures and Algorithms Programming Assignment 1 Spring 2023 – Linked List

### **PROGRAMMING ASSIGNMENT 1:** Single Linked List

**Submission deadline:** February 2nd at 11:59 pm

#### **Deliveries:**

A cpp program (the source code, not the executable).

**Requirements:** The program should run using the g++ compiler of **university UNIX system (ember)**.

**Note:** Use your student ID number as your program name.

**Note:** Note: You can start your implementation in any C++ programming environment such Visual Studio or Google Colab. However, you need to test your program in the university ember system.

I certify that I coded this program by myself, and this code doesn't correspond to the intellectual work of someone else.

Signature: 

**Add this document with your signature when you upload your homework. No doing that will result in an automatic ZERO.**

#### **Rubric**

**Implement** the 13 functions of the API for **Single Linked List**. Each correct implemented and tested function has a value of 7.7 points.