**LAB 7**

**Problem 1**

The test.cpp file contains a class called myClass which contains an array of char (char myArray[100]). Inside the class there is a constructor that uses memset and by default char c = ‘ ‘. The print function inside will take in a char and will set myArray accordingly. Once called in the main, we will see an output of 100 ‘a’ characters.

Compile: g++ test.cpp -o test

Run: ./test

NO INPUT

**Problem 2**

The test.cpp file contains a class called mySimpleClass which contains an int x. There are two overloading operators, addition and muliplcation inside the class. The print function will simple cout using ostream& and print the x. in the main we will create two objects, a and b and set them to be 1 and 2, respectively. From this when doing c = a \* a + b \* b it will result in 5 and when called the print, x will be 5.

Compile: g++ test.cpp -o test

Run: ./test

NO INPUT