

CSC 2111 Lab 05

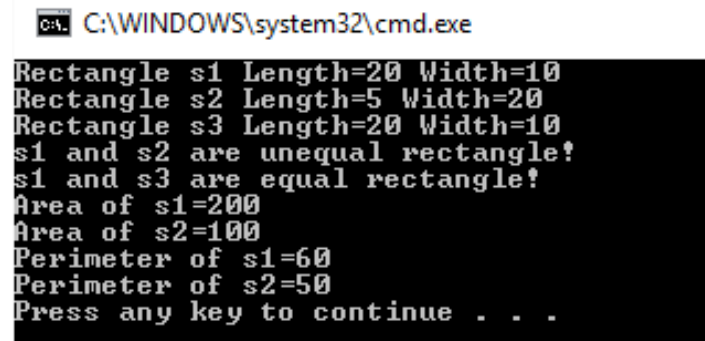
Objectives:

1. Classes and Data Abstraction
2. User-defined classes

Question:

In this assignment, you are asked to write the definition for a **rectangle** class and test it with the test program provided. The description of the rectangle class and the driver program are given on the attached file **rectangle.cpp**. **Download the rectangle.cpp** and without removing or changing any of the member functions or member variables of this class, complete **10 member functions bodies** such that your program produces exact output as provided. You should keep the class definition and the main function in the same source file, and you are not allowed to use global variables. Your program should be well **commented** and in particular, begin with a series of comments specifying your name and lab number. (You should not change class definition or main function. Just complete the rest of the work.)

Example Output:



```
C:\WINDOWS\system32\cmd.exe
Rectangle s1 Length=20 Width=10
Rectangle s2 Length=5 Width=20
Rectangle s3 Length=20 Width=10
s1 and s2 are unequal rectangle!
s1 and s3 are equal rectangle!
Area of s1=200
Area of s2=100
Perimeter of s1=60
Perimeter of s2=50
Press any key to continue . . .
```