



**Object Oriented Programming**  
**Spring 2020**  
**Quiz - 2**

**Total Marks: 10**  
**Time: 10 Minutes**

**Total**

**Name:** \_\_\_\_\_

**Roll No:** \_\_\_\_\_

**Question:** Write the output of the following program.

```
#include<iostream>
#include<string>
using namespace std;

class Rectangle{
private:
    int length;
    int width;
public:
    Rectangle(int l=0, int w=0)    {
        cout << "Constructor Called for "<<l<<" X "<<w<<"\n";
        length = l;
        width = w;
    }

    void SomeFunction(Rectangle rhs) {
        int temp = length;
        length = rhs.length;
        rhs.length = temp;
    }
    void Print() {
        cout << length << "X" << width << endl;
    }
};

void main()
{
    Rectangle r1(5,10);
    Rectangle r2;

    r1.Print();
    r2.Print();
    cout<<"-----\n";
    r1.SomeFunction(r2);
    r1.Print();
    r2.Print();
}
```

**Output/Error:**

**Constructor Called for 5 X 10**  
**Constructor Called for 0 X 0**  
**5X10**  
**0X0**  
**-----**  
**0X10**  
**0X0**  
**Press any key to continue . . .**

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