**Object Oriented Programming 2**

Lab Assignment-5

(Binary Operator Overloading)

1. Create a class **Rectangle.**

**Private** members of class **Rectangle**:

**Length, breadth.**

Create Member function:

Public:

**double getArea ( )**

**void setLenght ( double )**

**void setBreadth ( double)**

**Declare overloading function use (+) operator to add two Rectangle objects.**

In the main ( ) function set rectangle length, breadth with member functions and use area function to print area of each rectangle.

Then declare a third object use overloading function to get area of third object.

1. Create a class **Distance**.

Private members of class **Distance**:

Kilometer, meter.

Create default constructer and parameter constructer.

Create Member function:

**Void showDistance()**

Declare overloading function use ( = =) operator to compare two distances.

In the main ( )function set Distance kilometer, meter and use show distance to print of each distance. Then use overloading function to get difference of two distances.