Extra lab program passing objects into a class to perform the addition of two objects.

Add two objects of feet,inches by passing objects as parameters into a class called Measure with data members feet, inches and parameterized and non parameterized constructors to initialize the data members feet and inches . Use Calculate() to add the two objects and print the result object.

```
package Second;

//Defining class for adding two objecs of feet and inches
class Measure {
private int feet, inches;

Measure()
{
        this.feet=0;
        this.inches=0;
}

Measure(int feet, int inches) {
  this.feet = feet;
  this.inches = inches;
}

// adding two objects
Measure Calculate(Measure m) {
        Measure r = new Measure();
  r.feet=feet+m.feet;
  r.inches=(inches+m.inches)%12;
  r.feet+=(inches+m.inches)/12;
  return new Measure(r.feet,r.inches);

}

public String toString()
{

        return feet+" feet and "+inches+" inches";
}
}
```

```
public class FeetInchAddition {

	public static void main(String[] args) {
		// initialising data members in the class through parameterized constructor

		Measure m1=new Measure(4,10);
		Measure m2=new Measure(5,10);


		// performing addition of m1 and m2

		System.out.println(m1);
		System.out.println(m2);
		System.out.println(m1.Calculate(m2));

	}

}
```

o/p

4 feet and 10 inches
5 feet and 10 inches
10 feet and 8 inches