

Lab Goal : This lab was designed to teach you how to instantiate an object, pass parameters, calculate values, and display the results.

Lab Description : Write a program that takes two numbers, calculates the average, and prints the average.

average = sum / 2 sum is equal to the value of one added to the value of two

Class Shell:

```
public class Average
{
    private double one, two, average;

    public void setNums(double num1, double num2)
    {
        one=num1;
        two=num2;
    }

    public void average( )
    {

    }

    public void print( )
    {

    }
}
```

Sample Data:

```
5 5
90 100.0
100 85.8
-100 55
15236 5642
1000 555
```

Files Needed ::

```
Average.java
AverageRunner.java
```

Sample Output :

```
5.0 + 5.0 has an average of 5.00

90.0 + 100.0 has an average of 95.00

100.0 + 85.8 has an average of 92.90

-100.0 + 55.0 has an average of -22.50

15236.0 + 5642.0 has an average of 10439.00

1000.0 + 555.0 has an average of 777.50
```