

Quiz 1 Programming Exercise

Write a Java program that calculates the average of three numbers.

The main class of your application should be AverageCalculator.

Prompt the user for each number one at a time and then read the input from the console. **Store each number into a variable of the appropriate data type.**

Once you have read all the data from the user calculate the average of all the numbers and **store the average into another variable of the appropriate data type.**

Below you will find sample runs of the program.

Upload your .java file as well as your output (txt, png, gif, jpg). For example, you should have three files: *AverageCalculator.java*, *SampleRun1.txt*, *SampleRun2.txt*

The exact same source code should be executed to generate the following outputs (do not worry if your output does not match exactly in terms of number of decimals printed). **Run your program two times with the inputs specified below.**

Sample Run 1:

```
Please enter the first number: (User enters 2500)
Please enter the second number: (User enters 10000)
Please enter the third (and largest) number: (User enters 40000000000)

The average of 2500, 10000, and 40000000000 is 1.3333375E9
```

Sample Run 2:

```
Please enter the first number: (User enters 5)
Please enter the second number: (User enters 7)
Please enter the third (and largest) number: (User enters 200)

The average of 5, 7, and 200 is 70.66666666666667
```