Assignment 11

February 12, 2015

Create two void methods

- Complete the following code by writing the smallest method and the average method. (Please look at the next page.)

- smallest method
  1. The method, named smallest, has three int parameters i, j, and k.
  2. The method displays the smallest number of them.

- average method
  1. The method, named average, has three double parameters i, j, and k.
  2. The method displays the average of them.

Overloading

- Complete the following code by writing the function methods. (Please look at the next page.)

1. The method, named function, has two int parameters, num1, num2, the maximum of which is returned by the method.
2. The method, named function, has two double parameters, num1, num2, the average of which is returned by the method.
3. The method, named function, has three int parameters, num1, num2, and num3, the minimum of which is returned by the method.
4. The method, named function, has four int parameters, num1, num2, num3, and num4, the average of which is returned by the method.

Sample Code

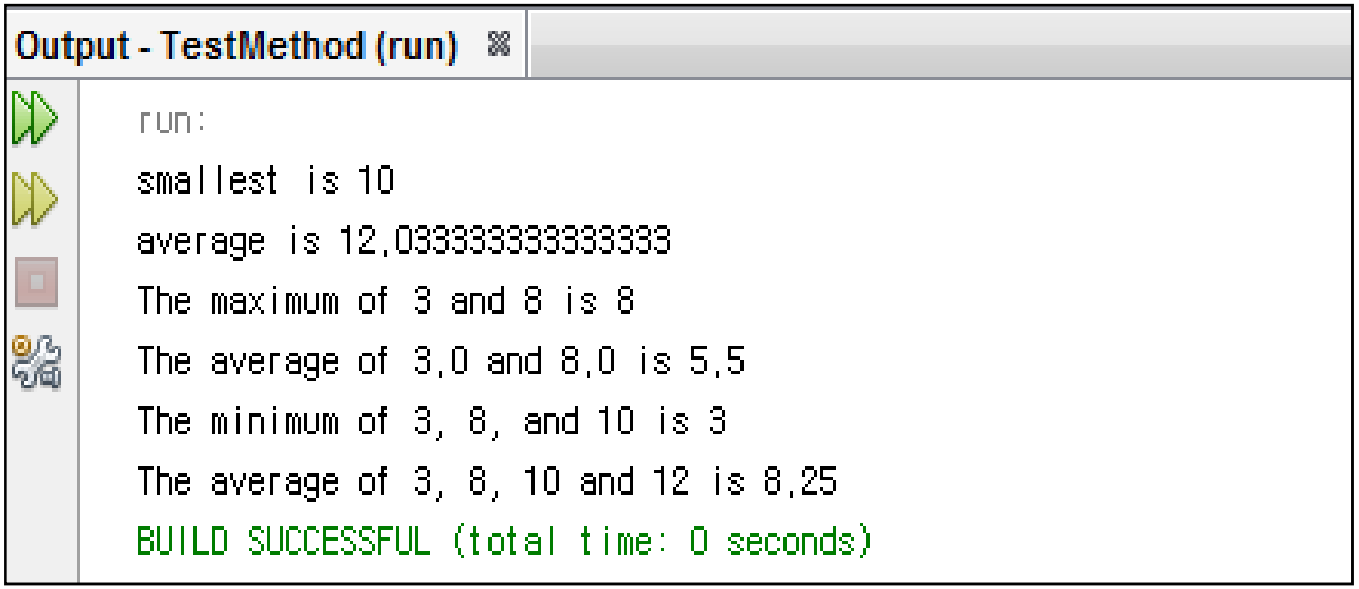
```
package testmethod;

public class TestMethod {

      public static void main(String[] args) {
        int num1 = 10;
        int num2 = 10;
        int num3 = 15;

        smallest(num1,num2,num3);

        double num4 = 10.5;
        double num5 = 10.5;
        double num6 = 15.1;

       average(num4,num5,num6);

        System.out.println("The maximum of 3 and 8 is " + function(3, 8));
        System.out.println("The average of 3.0 and 8.0 is " + function(3.0, 8.0));
        System.out.println("The minimum of 3, 8, and 10 is " + function(3, 8, 10));
        System.out.println("The average of 3, 8, 10 and 12 is " + function(3, 8, 10, 12));

   }

// create smallest method and average method here.

}
```

When your assignment is graded, the value of the variables will be changed.

To use the above code, Java project name should be TestMethod.

Sample Output

- Sample Output



Submission

1. Double-check whether there is no compile error.
2. Compress(zip) the folder which includes your code(project) and submit the compressed file.
3. The submitted file name should be yourfirstnamelastnameduedate1.zip
4. Before submitting your assignment, double-check whether your compressed file includes the following folders and files instead of the only *.java file.