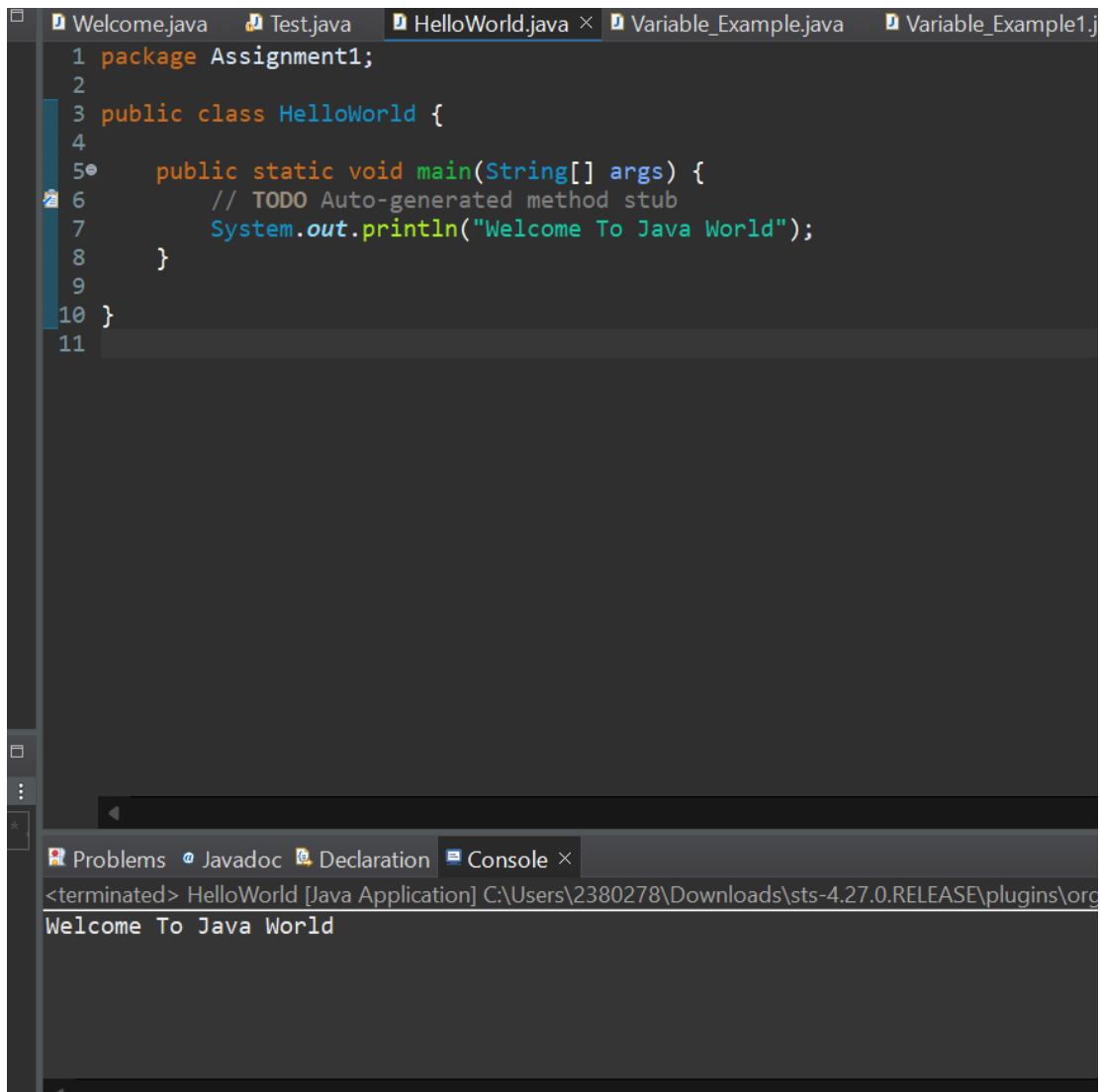


1)create a java program to print welcome message.

classname:HelloWorld

Sample Output: Welcome To Java World

A screenshot of an IDE window. The top part shows a code editor with a Java file named 'HelloWorld.java'. The code is as follows:

```
1 package Assignment1;  
2  
3 public class HelloWorld {  
4  
5     public static void main(String[] args) {  
6         // TODO Auto-generated method stub  
7         System.out.println("Welcome To Java World");  
8     }  
9  
10 }  
11
```

The bottom part of the IDE shows a 'Console' tab with the output:

```
<terminated> HelloWorld [Java Application] C:\Users\2380278\Downloads\sts-4.27.0.RELEASE\plugins\org  
Welcome To Java World
```

```
1 package Assignment1;  
2  
3 public class HelloWorld {  
4  
5     public static void main(String[] args) {  
6         // TODO Auto-generated method stub  
7         System.out.println("Welcome To Java World");  
8     }  
9  
10 }  
11
```

```
<terminated> HelloWorld [Java Application] C:\Users\2380278\Downloads\sts-4.27.0.RELEASE\plugins\org  
Welcome To Java World
```

2)Write a Java Program to Print whether two number's are equal or not

classname:Variables_Example

variableNames:

number1,number2,result

i)Sample Input :number1=12,number2=13

Sample Output:number1 and number2 values are not equal

ii)Sample Input :number1=100,number2=100

Sample Output:number1 and number2 values are equal

```
3 public class Variable_Example {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         int number1, number2;
8         String result;
9         number1 = 12;
10        number2 = 13;
11        if (number1 == number2) {
12            result = "equal";
13        } else {
14            result = "not equal";
15        }
16
17        System.out.println("number1 and number2 values are " + result);
18
19        number1 = 100;
20        number2 = 100;
21        if (number1 == number2) {
22            result = "equal";
23        } else {
24            result = "not equal";
25        }
26
27        System.out.println("number1 and number2 values are " + result);
28    }
29 }
```

Problems Javadoc Declaration Console ×

<terminated> Variable_Example [Java Application] C:\Users\2380278\Downloads\sts-4.27.0.RELEASE\plugins

number1 and number2 values are not equal

number1 and number2 values are equal

3)Write a Java Program to print sum,avg,sub,mul of three numbers

classname:Variables_Example1

variableNames:

number1,number2,number3,result,average,sum_result,mul_result

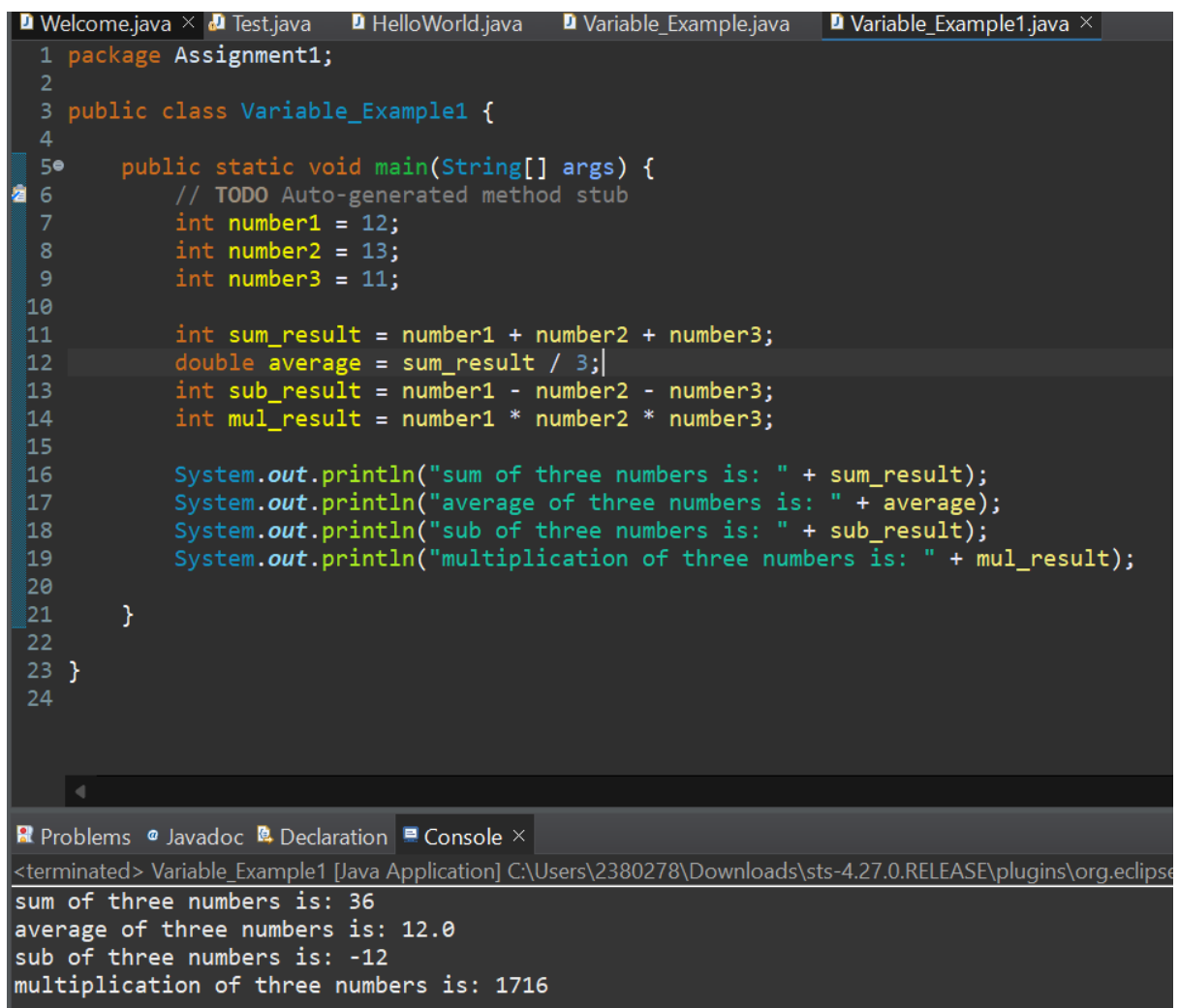
i)Sample Input :number1=12,number2=13,number3=11

Sample Output:sum of three numbers is :36 (12+13+11)

average of three numbers is :36 36/3=12

sub of three numbers is :-12 (12-13-11)

multiplication of three numbers is :1716



The screenshot shows the Eclipse IDE with a Java project. The editor displays the source code for `Variable_Example1.java`. The code defines a package `Assignment1` and a class `Variable_Example1` with a `main` method. Inside the `main` method, three integers are initialized: `number1 = 12`, `number2 = 13`, and `number3 = 11`. Then, four variables are calculated: `sum_result` (sum of the three numbers), `average` (sum divided by 3), `sub_result` (sum of the three numbers with negative signs), and `mul_result` (product of the three numbers). Finally, these results are printed to the console using `System.out.println`.

```
1 package Assignment1;
2
3 public class Variable_Example1 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         int number1 = 12;
8         int number2 = 13;
9         int number3 = 11;
10
11         int sum_result = number1 + number2 + number3;
12         double average = sum_result / 3;
13         int sub_result = number1 - number2 - number3;
14         int mul_result = number1 * number2 * number3;
15
16         System.out.println("sum of three numbers is: " + sum_result);
17         System.out.println("average of three numbers is: " + average);
18         System.out.println("sub of three numbers is: " + sub_result);
19         System.out.println("multiplication of three numbers is: " + mul_result);
20
21     }
22 }
23
24
```

The console output at the bottom shows the results of the program execution:

```
<terminated> Variable_Example1 [Java Application] C:\Users\2380278\Downloads\sts-4.27.0.RELEASE\plugins\org.eclipse
sum of three numbers is: 36
average of three numbers is: 12.0
sub of three numbers is: -12
multiplication of three numbers is: 1716
```