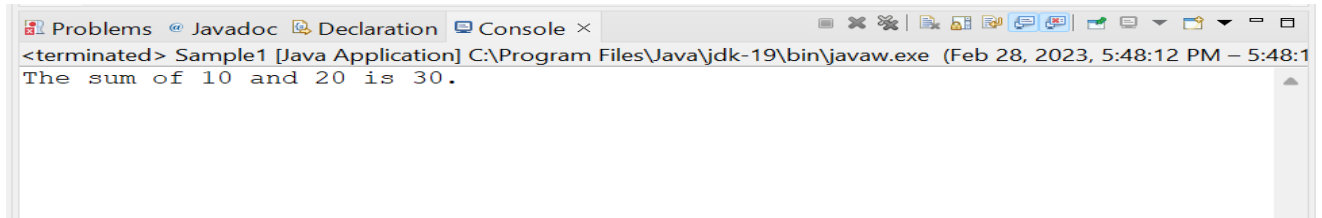## Assignment 3

1.Declare two variables of type int, and assign values to them. Add the two variables together and print the result.
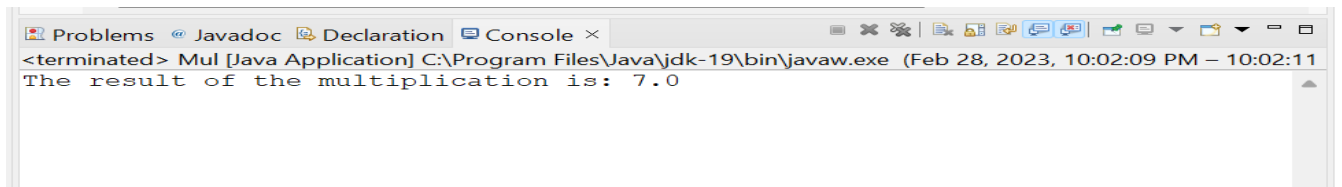
https://codeshare.io/lonxYD

Problems @ Javadoc Declaration Console ×
\<terminated> Sample1 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 28, 2023, 5:48:12 PM – 5:48:1
The sum of 10 and 20 is 30.

2.Declare two variables of type double, and assign values to them. Multiply the two variables together and print the result.
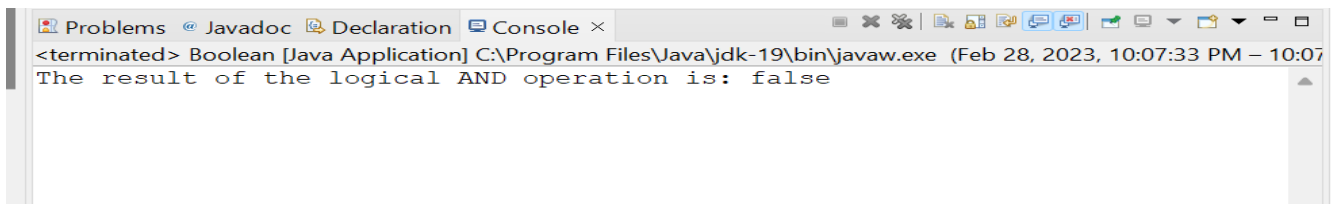
https://codeshare.io/3Abqkz

Problems @ Javadoc Declaration Console ×
\<terminated> Mul [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 28, 2023, 10:02:09 PM – 10:02:11
The result of the multiplication is: 7.0

3.Declare two variables of type boolean, and assign values to them. Print out the value of the logical AND operator applied to the two variables.

https://codeshare.io/ZJEkAX

Problems @ Javadoc Declaration Console ×
\<terminated> Boolean [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 28, 2023, 10:07:33 PM – 10:07
The result of the logical AND operation is: false

4.Declare a variable of type String, and assign it a value. Use the String class method length() to print out the length of the string.

```
The length of the string is: 13
```

5.Declare a variable of type String, and assign it a value. Use the String class method toUpperCase() to print out the string in all uppercase letters.

```
The string in all uppercase letters is: HELLO, WORLD!
```

6.Declare a variable of type String, and assign it a value. Use the String class method substring() to print out a portion of the string.

```
The portion of the string is: Hello
```

7.Declare a variable of type String, and assign it a value. Use the String class method indexOf() to find the index of a specific character in the string.

```
The index of the character 'o' is: 4
```

8.Declare a variable of type char, and assign it a value. Convert the character to its ASCII code and print out the result.

```
The ASCII code of the character 'A' is: 65
```

9.Declare a variable of type int, and assign it a value. Convert the integer to a String and print out the result.

```
The string representation of the integer 123 is: 123
```

10.Declare a variable of type double, and assign it a value. Convert the double to an int and print out the result.

```
The integer representation of the double 3.14159 is: 3
```