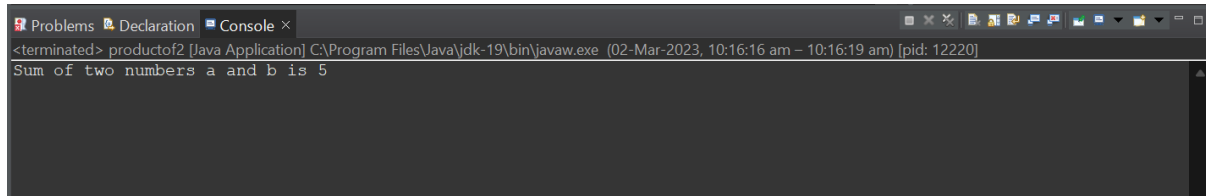


## Assignment-3

1. Declare two variables of type int, and assign values to them. Add the two variables together and print the result.

<https://codeshare.io/X8EYrk>

### OUTPUT:

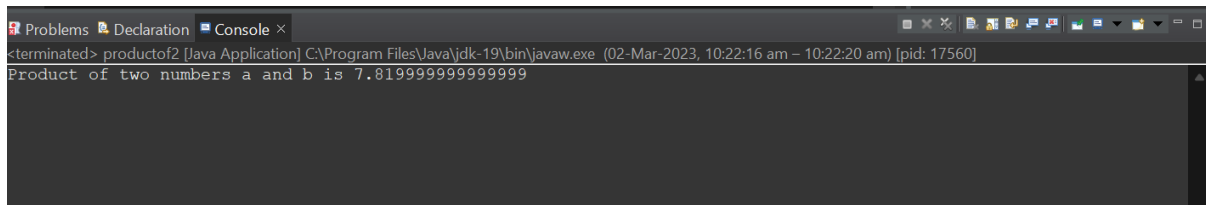


```
Problems Declaration Console ×
<terminated> productof2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 10:16:16 am – 10:16:19 am) [pid: 12220]
Sum of two numbers a and b is 5
```

2. Declare two variables of type double, and assign values to them. Multiply the two variables together and print the result.

<https://codeshare.io/LwEYbb>

### OUTPUT:

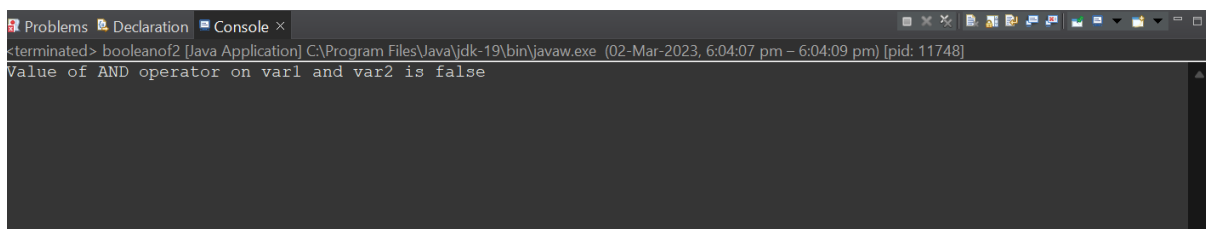


```
Problems Declaration Console ×
<terminated> productof2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 10:22:16 am – 10:22:20 am) [pid: 17560]
Product of two numbers a and b is 7.819999999999999
```

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/zyAM1W>

### OUTPUT:

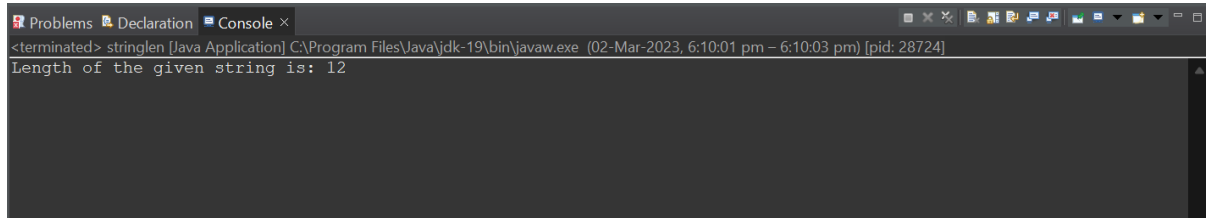


```
Problems Declaration Console ×
<terminated> booleanof2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:04:07 pm – 6:04:09 pm) [pid: 11748]
Value of AND operator on var1 and var2 is false
```

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.

<https://codeshare.io/1Y8QOq>

#### OUTPUT:

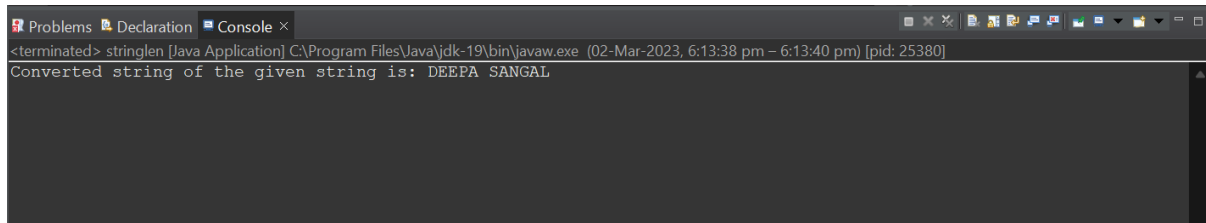


```
Problems Declaration Console x
<terminated> stringlen [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:10:01 pm – 6:10:03 pm) [pid: 28724]
Length of the given string is: 12
```

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

<https://codeshare.io/wnvpRR>

#### OUTPUT:

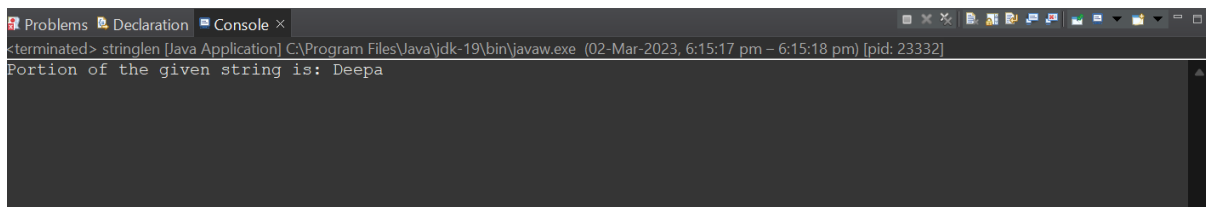


```
Problems Declaration Console x
<terminated> stringlen [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:13:38 pm – 6:13:40 pm) [pid: 25380]
Converted string of the given string is: DEEPA SANGAL
```

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.

<https://codeshare.io/oQ3M8b>

#### OUTPUT:

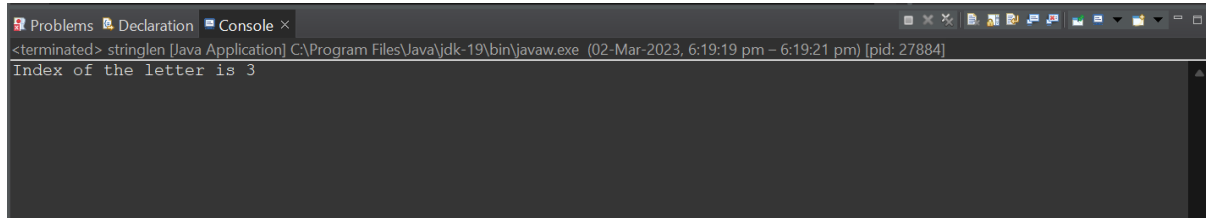


```
Problems Declaration Console x
<terminated> stringlen [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:15:17 pm – 6:15:18 pm) [pid: 23332]
Portion of the given string is: Deepa
```

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.

<https://codeshare.io/DZEMjip>

#### OUTPUT:

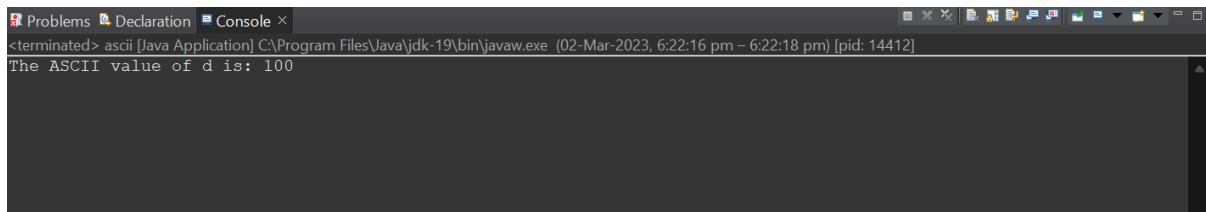
A screenshot of a Java IDE's console window. The title bar shows 'Problems Declaration Console'. The console text reads: '<terminated> stringlen [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:19:19 pm - 6:19:21 pm) [pid: 27884]' followed by 'Index of the letter is 3' on the next line.

```
<terminated> stringlen [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:19:19 pm - 6:19:21 pm) [pid: 27884]
Index of the letter is 3
```

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

<https://codeshare.io/BA7yrx>

#### OUTPUT:

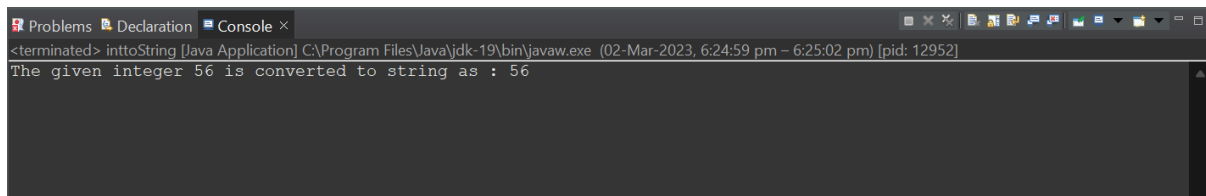
A screenshot of a Java IDE's console window. The title bar shows 'Problems Declaration Console'. The console text reads: '<terminated> ascii [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:22:16 pm - 6:22:18 pm) [pid: 14412]' followed by 'The ASCII value of d is: 100' on the next line.

```
<terminated> ascii [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:22:16 pm - 6:22:18 pm) [pid: 14412]
The ASCII value of d is: 100
```

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

<https://codeshare.io/3AbwED>

#### OUTPUT:

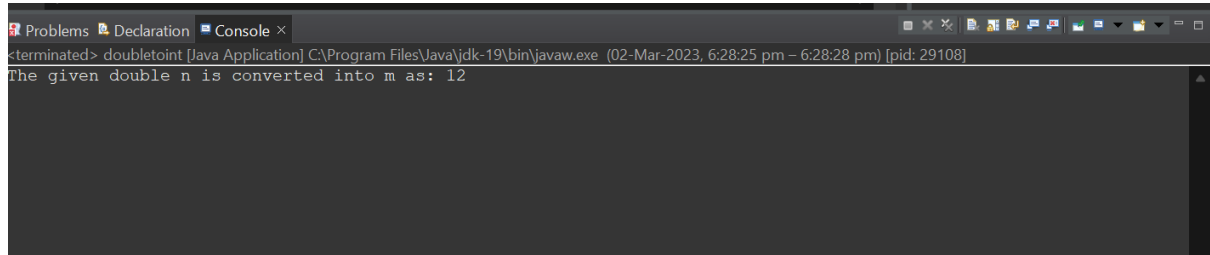
A screenshot of a Java IDE's console window. The title bar shows 'Problems Declaration Console'. The console text reads: '<terminated> inttoString [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:24:59 pm - 6:25:02 pm) [pid: 12952]' followed by 'The given integer 56 is converted to string as : 56' on the next line.

```
<terminated> inttoString [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:24:59 pm - 6:25:02 pm) [pid: 12952]
The given integer 56 is converted to string as : 56
```

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

<https://codeshare.io/DZEMRp>

#### OUTPUT:

A screenshot of a Java IDE's console window. The window has a title bar with 'Problems', 'Declaration', and 'Console' tabs. The console text shows a Java application running, with the output: 'The given double n is converted into m as: 12'. The console window is dark-themed with a light-colored text area.

```
<terminated> doubletoint [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 6:28:25 pm - 6:28:28 pm) [pid: 29108]
The given double n is converted into m as: 12
```