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Engineering Intern
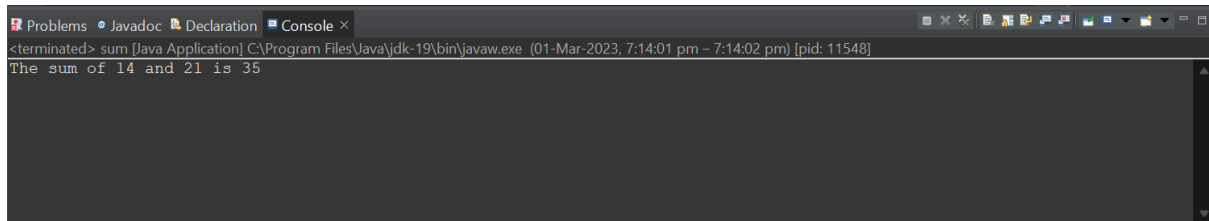
Tecnotree,Mysore

Java 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/r9len6

OUTPUT:

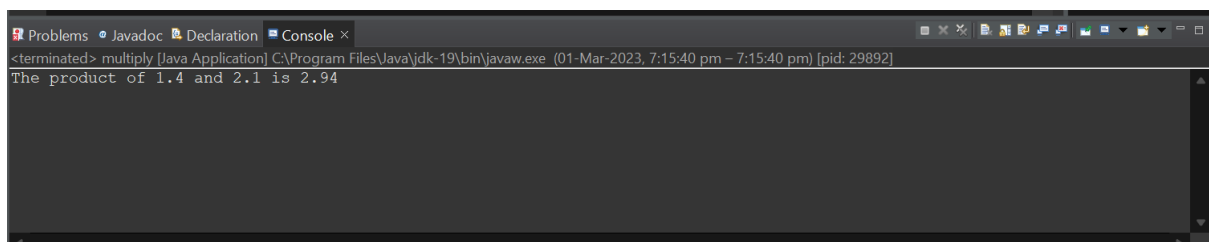```
Problems Javadoc Declaration Console ×
<terminated> sum [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:14:01 pm – 7:14:02 pm) [pid: 11548]
The sum of 14 and 21 is 35
```

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

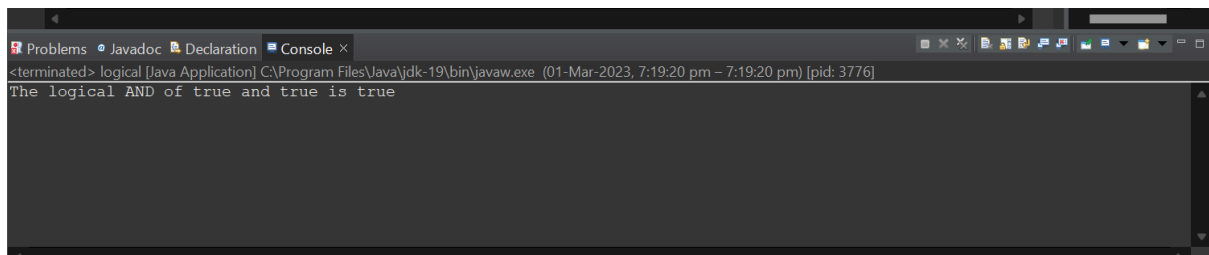https://codeshare.io/ZJEz3X

**OUTPUT:**



```
Problems  Javadoc  Declaration  Console ×
<terminated> multiply [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (01-Mar-2023, 7:15:40 pm – 7:15:40 pm) [pid: 29892]
The product of 1.4 and 2.1 is 2.94
```

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.
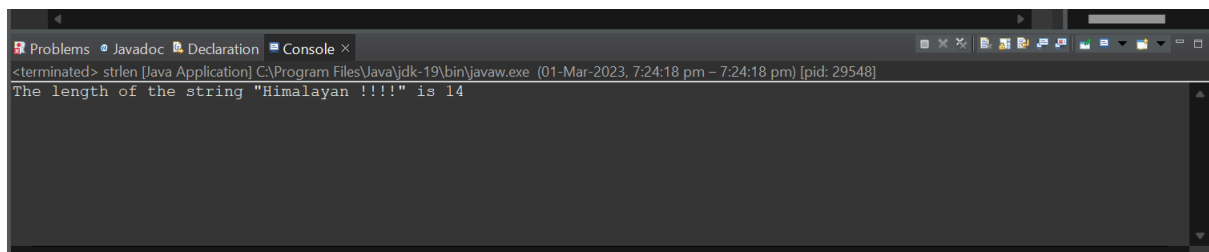
https://codeshare.io/Rbvo9j

OUTPUT:

Problems · Javadoc · Declaration · Console ×
<terminated> logical [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:19:20 pm – 7:19:20 pm) [pid: 3776]
The logical AND of true and true is true

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.
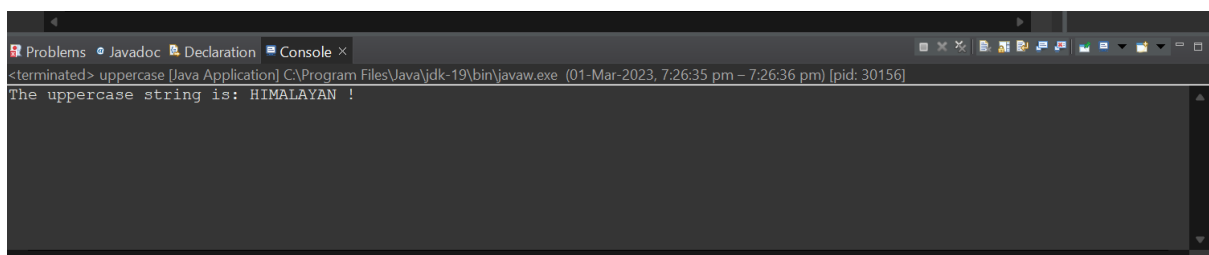
https://codeshare.io/6pkB0m

OUTPUT:

Problems · Javadoc · Declaration · Console ×
<terminated> strlen [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:24:18 pm – 7:24:18 pm) [pid: 29548]
The length of the string "Himalayan !!!!" is 14

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.

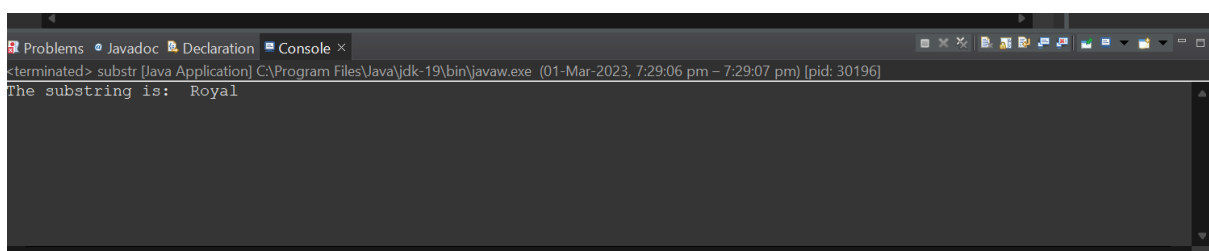https://codeshare.io/1Y8Brz

OUTPUT:

```
Problems  Javadoc  Declaration  Console ×
<terminated> uppercase [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (01-Mar-2023, 7:26:35 pm – 7:26:36 pm) [pid: 30156]
The uppercase string is: HIMALAYAN !
```

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/Rbvokj
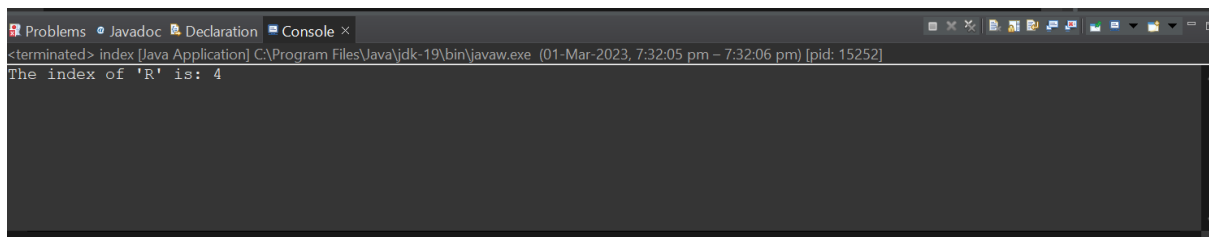
OUTPUT:

```
Problems  Javadoc  Declaration  Console ×
<terminated> substr [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (01-Mar-2023, 7:29:06 pm – 7:29:07 pm) [pid: 30196]
The substring is:  Royal
```

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.
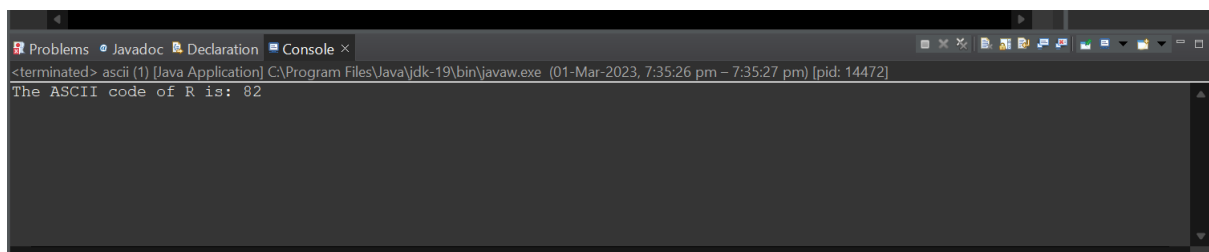
https://codeshare.io/OdE8r7

OUTPUT:

Problems ● Javadoc ● Declaration ● Console ×
<terminated> index [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:32:05 pm – 7:32:06 pm) [pid: 15252]
The index of 'R' 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.
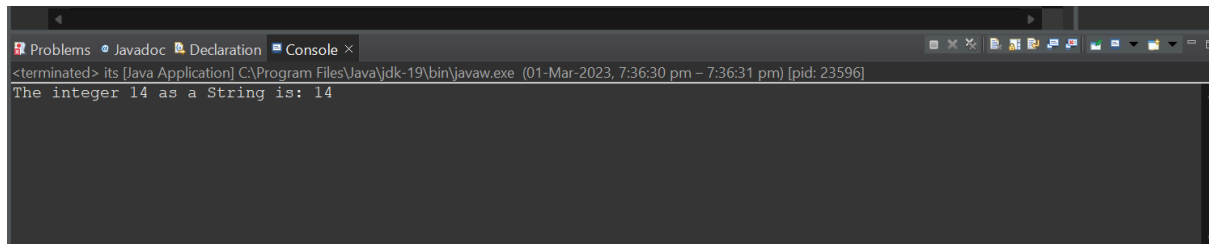
https://codeshare.io/km8XdL

OUTPUT:

Problems ● Javadoc ● Declaration ● Console ×
<terminated> ascii (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:35:26 pm – 7:35:27 pm) [pid: 14472]
The ASCII code of R is: 82

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/r9lemK

OUTPUT:
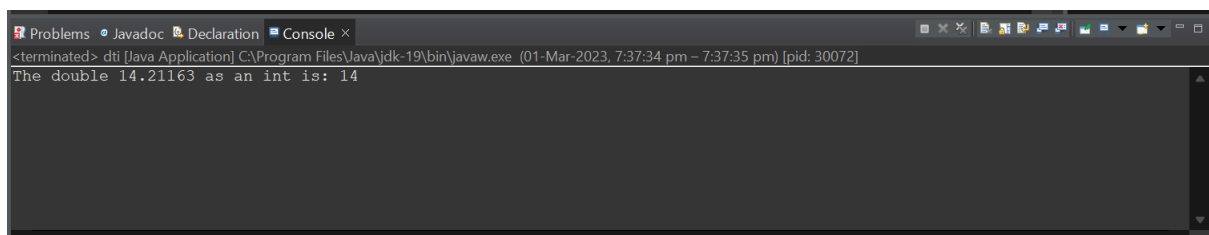
```
Problems  Javadoc  Declaration  Console ×
<terminated> its [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (01-Mar-2023, 7:36:30 pm – 7:36:31 pm) [pid: 23596]
The integer 14 as a String is: 14
```

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/N3pdL8

OUTPUT:

```
Problems  Javadoc  Declaration  Console ×
<terminated> dti [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (01-Mar-2023, 7:37:34 pm – 7:37:35 pm) [pid: 30072]
The double 14.21163 as an int is: 14
```