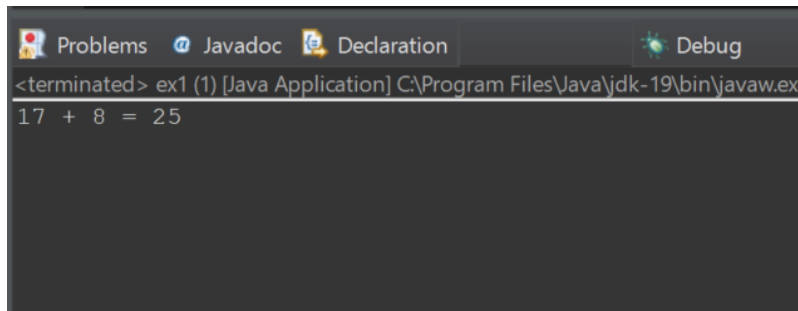# Java Assignment-3

Topic: Variables, Data types and String manipulations

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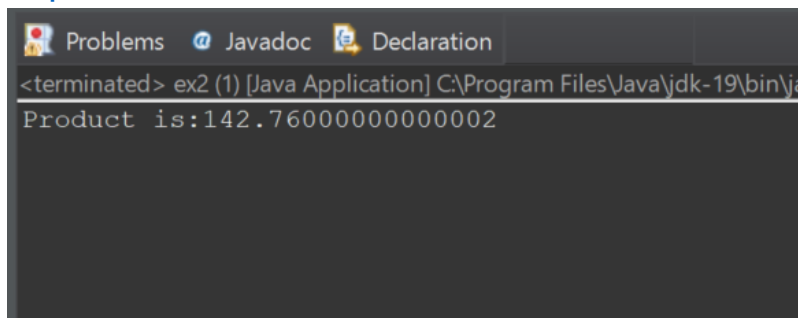
https://codeshare.io/pqkxKD

```
Problems   @ Javadoc   Declaration                  Debug
<terminated> ex1 (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.ex
17 + 8 = 25
```

2.Declare two variables of type double, and assign values to them. Multiply the two variables together and print the result.
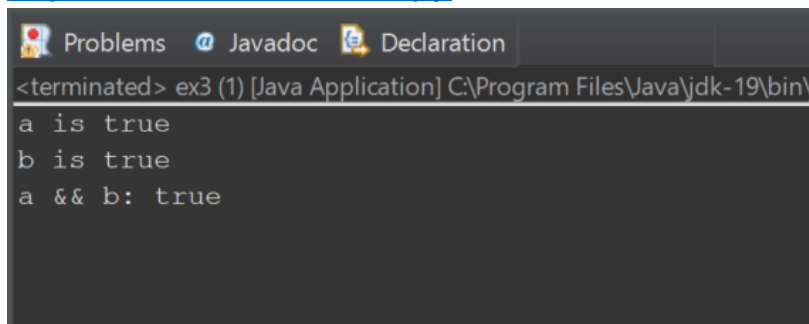
https://codeshare.io/K8EXrP

```
Problems   @ Javadoc   Declaration
<terminated> ex2 (1) [Java Application] C:\Program Files\Java\jdk-19\bin\ja
Product is:142.76000000000002
```

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.
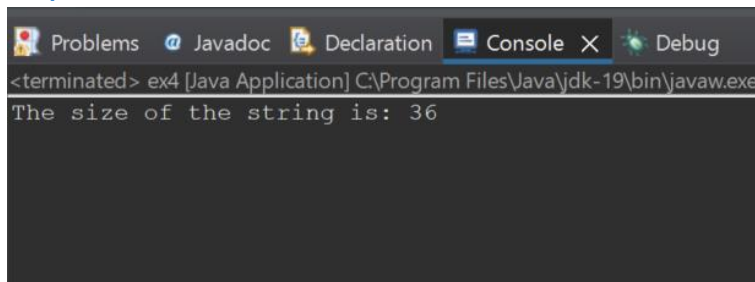
https://codeshare.io/lonJpy

```
Problems   @ Javadoc   Declaration
<terminated> ex3 (1) [Java Application] C:\Program Files\Java\jdk-19\bin\
a is true
b is true
a && b: true
```
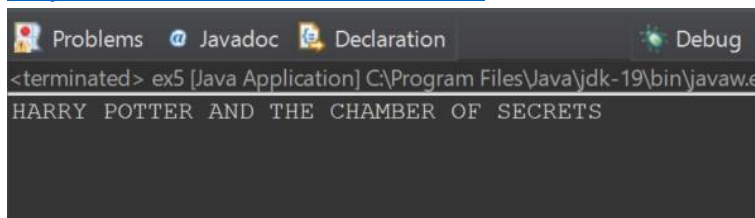
4.Declare a variable of type String, and assign it a value. Use the String class method length() to print out the length of the string.
https://codeshare.io/BA7lZm

```
Problems  @ Javadoc  Declaration  Console  X  Debug
<terminated> ex4 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe
The size of the string is: 36
```
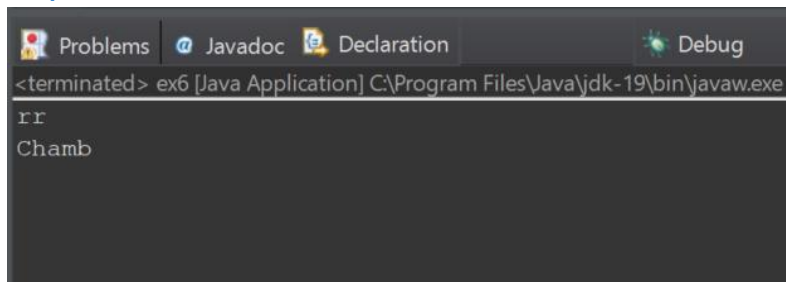
5.Declare a variable of type String, and assign it a value. Use the String class method toUpperCase() to print out the string in all uppercase letters.
https://codeshare.io/K8EX8P

```
Problems  @ Javadoc  Declaration  Debug
<terminated> ex5 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.e
HARRY POTTER AND THE CHAMBER OF SECRETS
```
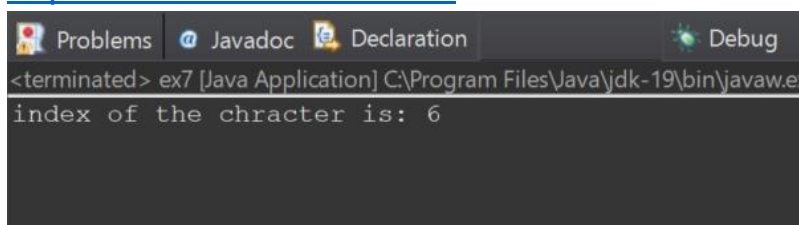
6.Declare a variable of type String, and assign it a value. Use the String class method substring() to print out a portion of the string.
https://codeshare.io/eV6WVL

```
Problems  @ Javadoc  Declaration  Debug
<terminated> ex6 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe
rr
Chamb
```
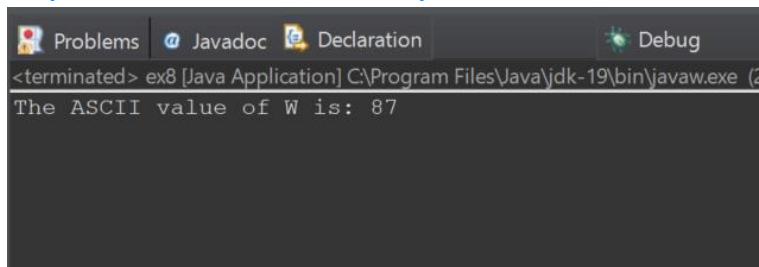
7.Declare a variable of type String, and assign it a value. Use the String class method indexOf() to find the index of a specific character in the string.
https://codeshare.io/lonJoZ

```
Problems  @ Javadoc  Declaration  Debug
<terminated> ex7 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.ex
index of the chracter is: 6
```

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/DZEpZW

```
Problems   @ Javadoc   Declaration                Debug
<terminated> ex8 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (2
The ASCII value of W is: 87
```
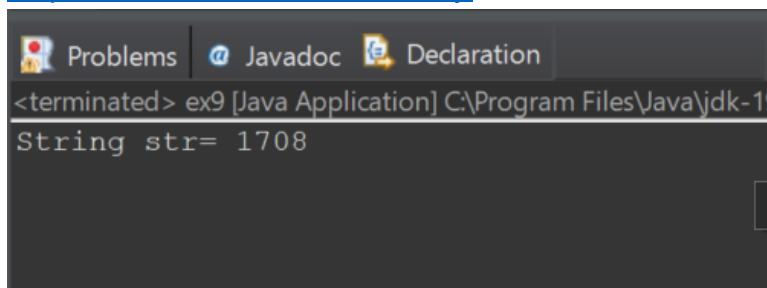
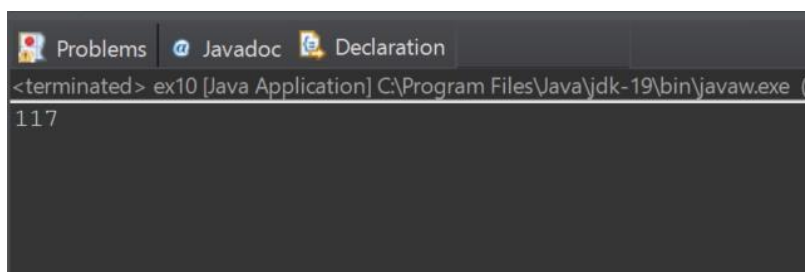9.Declare a variable of type int, and assign it a value. Convert the integer to a String and print out the result.

https://codeshare.io/JbMJ7y

```
Problems   @ Javadoc   Declaration
<terminated> ex9 [Java Application] C:\Program Files\Java\jdk-19
String str= 1708
```

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/nzoOAV

```
Problems   @ Javadoc   Declaration
<terminated> ex10 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (
117
```