

ASSIGNMENT 03

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

<https://codeshare.io/r9IMQV>

```
Console x
<terminated> Sum (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 4:50:08 pm – 4:50:09 pm) [pid: 23364]
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/K8EDn7>

```
Console x
<terminated> Multiply [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 4:53:08 pm – 4:53:08 pm) [pid: 13716]
The product of 10.0 and 20.0 is 200.0
```

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/nzoglj>

```
Console x
<terminated> AND [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 4:55:14 pm – 4:55:14 pm) [pid: 24736]
The result of true AND false 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/ZJERWQ>

```
Console x
<terminated> Length [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 4:59:24 pm – 4:59:24 pm) [pid: 26680]
The length of the string "Good Morning" 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/8pl8Ld>

```
Console x
<terminated> Uppercase [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:02:04 pm – 5:02:04 pm) [pid: 12876]
original string: Nikitha
uppercase string: NIKITHA
```

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/qPmM6X>

```
Console ×
<terminated> Substring (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:05:15 pm – 5:05:15 pm) [pid: 22856]
The original string: Hello, world!
The substring from index 0 to 5: 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.

<https://codeshare.io/wnvp8p>

```
Console ×
<terminated> IndexOf [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:08:20 pm – 5:08:20 pm) [pid: 29520]
original string: Hii, Good Morning!
The index of ',' character: 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/oQ3Mzr>

```
Console ×
<terminated> Ascii (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:10:41 pm – 5:10:41 pm) [pid: 19444]
The ASCII code for the character C is 67
```

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/78mdMD>

```
Console ×
<terminated> IntToString [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:14:04 pm – 5:14:04 pm) [pid: 20328]
The integer 145 converted to a String is 145
```

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/km8gXA>

```
Console ×
<terminated> DoubleToInt [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:18:16 pm – 5:18:17 pm) [pid: 14500]
The double 3.14 converted to an int is 3
```