

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/km8yrw>

Output:

```
<terminated> add2num [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (01-Mar-2023, 10:40:32 am)
15
```

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

<https://codeshare.io/lonyDg>

Output:

```
Markers Properties Servers Data Source Explorer Snippets Terminal Console x
<terminated> mul2num [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (01-Mar-2023, 10:52:48 am)
the product is:7.5
```

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/bvOyYq>

Output:

```
<terminated> logicalandop [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (01-Mar-2023, 11:00:00 am)
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/QnEYAL>

Output:

```
<terminated> StringLength [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (02-Mar-2023)
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.

<https://codeshare.io/LwEYAK>

Output:

```
Markers Properties Servers Data Source Explorer Snippets Terminal Console
<terminated> uppercase [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (02-Mar-2023)
The string in 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.

<https://codeshare.io/eV6e3r>

Output:

```
<terminated> Stringsub [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (02-Mar-2023)
The substring is: , shetty!
```

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/km8o3A>

Output:

```
<terminated> StringIndexof [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.ju
The index of '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.

<https://codeshare.io/X8EYvE>

Output:

```
<terminated> char2ASCII [Java Application] C:\Users\shettmat\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v202302
```

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/1Y8Lv0>

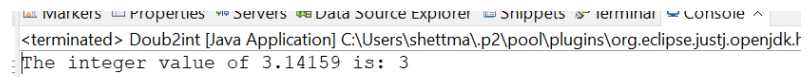
Output:

Markers Properties Servers Data Source Explorer Snippets Terminal
<terminated> int2String [Java Application] C:\Users\shettna\p2\pool\plugins\org.edi
The string representation of 42 is: 42

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/WdEY8Y>

Output:



The screenshot shows the Eclipse IDE's console window. The title bar includes tabs for 'Markers', 'Properties', 'Servers', 'Data Source Explorer', 'Snippets', 'terminal', and 'Console'. The console text shows the application has terminated, followed by the path 'C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.openjdk.f'. The output line reads: 'The integer value of 3.14159 is: 3'.

```
<terminated> Doub2int [Java Application] C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.openjdk.f
: The integer value of 3.14159 is: 3
```