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/zyAwEO

```
package com.tecnotree.assignment3;

public class Num {
        public static void main(String[] args) {
            int num1 = 5;
            int num2 = 7;
            int sum = num1 + num2;
            System.out.println("The result is " + sum);
        }
    }
```

Output:

```
The result is 12
```

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

https://codeshare.io/X8EJOo

```
package com.tecnotree.assignment3;

public class Double {
    public static void main(String[] args) {
        double num1 = 5;
        double num2 = 7;
        double sum = num1 * num2;
        System.out.println("The result is " + sum);
    }

}
```

Output:

```
The result is 35.0
```

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/vwjOKm

```
package com.tecnotree.assignment3;

public class Boolean {
        public static void main(String[] args) {
            boolean bool1 = true;
            boolean bool2 = false;
            boolean result = bool1 && bool2;
            System.out.println("The result is: " + result);
        }
    }
```

Output:

```
The result 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/eV6bPA

```
package com.tecnotree.assignment3;

public class StringLength {
        public static void main(String[] args) {
            String myString = "Virat Kohli";
            int stringLength = myString.length();
            System.out.println("The length of the string is: " + stringLength);
        }
    }
```

Output:

```
The length of the string is: 11
```

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/4eoEAj

```
package com.tecnotree.assignment3;

public class Uppercase {
          public static void main(String[] args) {
            String message = "Virat Kohli";
            String upperCase = message.toUpperCase();
            System.out.println(upperCase);
          }
        }
```

Output:

```
VIRAT KOHLI
```

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/8plxJE

```
package com.tecnotree.assignment3;

public class Substring {
          public static void main(String[] args) {
            String message = "Virat Kohli";
            String portion = message.substring(0, 5);
            System.out.println(portion);
          }
        }
```

Output:

```
Virat
```

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/wnvzyp

```
package com.tecnotree.assignment3;

public class Index {
          public static void main(String[] args) {
            String message = "Viart Kohli";
            int index = message.indexOf('o');
            System.out.println(index);
          }
        }
```

Output:

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/YLEXAR

```
package com.tecnotree.assignment3;

public class ASCII {
          public static void main(String[] args) {
            char letter = 'A';
            int asciiCode = (int) letter;
            System.out.println(asciiCode);
          }
        }
```

Output:

```
65
```

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/eV6bPr

```
package com.tecnotree.assignment3;

public class IntToStr {
          public static void main(String[] args) {
            int number = 18;
            String numberString = Integer.toString(number);
            System.out.println(numberString);
           }
        }
```

Output:

```
18
```

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/QnERZL

```
package com.tecnotree.assignment3;

public class DoubleToInt {
          public static void main(String[] args) {
            double number = 3.14;
            int intNumber = (int) number;
            System.out.println(intNumber);
          }
        }
```

Output:

```
3
```