

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

<https://codeshare.io/9OLdW1>

```
twovariables.java ×
1 package assignment3;
2
3 public class twovariables {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         int a=5;
8         int b=3;
9         int c=a+b;
10        System.out.println("Sum="+c);
11    }
12
13 }
14
```

Problems Javadoc Declaration Console ×

<terminated> twovariables [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe
Sum=8

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

<https://codeshare.io/6pk9Wo>

```
multiply.java ×
1 package assignment3;
2
3 public class multiply {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         double a=35;
8         double b=2;
9         double c=a*b;
10        System.out.println("Product="+c);
11    }
12
13 }
14
```

Problems Javadoc Declaration Console ×

<terminated> multiply [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe
Product=70.0

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/oQ3YZY>

```
typeboolean.java ×
1
2 package assignment3;
3 class typeboolean {
4     public static void main(String[] args) {
5         // TODO Auto-generated method stub
6         boolean a=true;
7         boolean b=false;
8         System.out.println("a AND b:"+(a&b));
9     }
10
11 }
12
```

Problems @ Javadoc Declaration Console ×

<terminated> typeboolean [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe
a AND b: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/1Y8OW7>

```
stringlength.java ×
1 package assignment3;
2
3 public class stringlength {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         String s1="Rachana";
8         System.out.println("Length of string="+s1.length());
9     }
10
11 }
12
```

Problems @ Javadoc Declaration Console ×

<terminated> stringlength [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe (04-Mar-20
Length of string=7

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/pqkRNz>

```
touppercase.java ×
1 package assignment3;
2
3 public class touppercase {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         String s1="rachana";
8         String upper=s1.toUpperCase();
9         System.out.println(""+upper);
10    }
11
12 }
13
```

Problems @ Javadoc Declaration Console ×

<terminated> touppercase [Java Application] C:\Users\Mahadra\jdk-19\bin\ja
RACHANA

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/r9IR0K>

```
substring.java ×
1 package assignment3;
2
3 public class substring {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         String s1="rachana";
8         String substr=s1.substring(2,4);
9         System.out.println("SubString="+substr);
10    }
11
12 }
13
```

Problems @ Javadoc Declaration Console ×

<terminated> substring [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe
SubString=ch

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/DZEydW>

```
index.java ×
1 package assignment3;
2
3 public class index {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         String s1="rachana";
8         int index=s1.indexOf('c');
9         System.out.println("Index="+index);
10    }
11 }
12
13
```

Problems Javadoc Declaration Console ×

<terminated> index [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe (Index=2

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/MNE1Qe>

```
ascii.java ×
1 package assignment3;
2
3 public class ascii {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         char a='R';
8         int b=a;
9         System.out.println("ASCII value of R="+b);
10    }
11 }
12
13
```

Problems Javadoc Declaration Console ×

<terminated> ascii (1) [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe (04-Mar-2023 12:00:00 PM) ASCII value of R=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/zyApm4>

```
strandint.java ×
1 package assignment3;
2
3 public class strandint {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         int a=23;
8         String s1=Integer.toString(a);
9         System.out.println("Integer value="+a);
10        System.out.println("String value="+s1);
11    }
12
13 }
14
```

Problems @ Javadoc Declaration Console ×

<terminated> strandint [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe (04-
Integer value=23
String value=23

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/9OLdkg>

```
doubleandint.java ×
1 package assignment3;
2
3 public class doubleandint {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         double a=30128;
8         int b=(int) a;
9         System.out.println("Double value="+a);
10        System.out.println("Integer value="+b);
11    }
12
13 }
14
```

Problems @ Javadoc Declaration Console ×

<terminated> doubleandint [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw
Double value=30128.0
Integer value=30128