

1. Write a Java program to print the product of two numbers.

<https://codeshare.io/pqkx60>

```
product.java ×
1 package com.tecnotree.assignment1programs;
2
3 public class product {
4     public static void main(String[] args) {
5         int a=5;
6         int b=8;
7         int c=a*b;
8         System.out.println("Product="+c);
9     }
10 }
11 }
```

```
Problems @ Javadoc Declaration Console ×
<terminated> product [Java Application] C:\Users\Mahadra\jdk-19\bin\javac
Product=40
```

2. Write a Java program to calculate the average of three numbers

<https://codeshare.io/RbvZ7E>

```
*average.java ×
1 package com.tecnotree.assignment1programs;
2
3 public class average {
4     public static void main(String[] args) {
5         int a=3,b=9,c=15;
6         int sum=a+b+c;
7         System.out.println("Average="+sum/3);
8     }
9 }
10 }
```

```
Problems @ Javadoc Declaration Console ×
<terminated> average [Java Application] C:\Users\Mahadra\jdk-19\bin\javac
Average=9
```

3. Write a Java program to check whether a given number is even or odd.

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

```
evenorodd.java ×
1 package com.tecnotree.assignment1programs;
2 import java.util.Scanner;
3 public class evenorodd {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Scanner in = new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num = in.nextInt();
10        if(num%2==0)
11        {
12            System.out.println("even");
13        }
14        else
15        {
16            System.out.println("odd");
17        }
18    }
19 }
20
21
22
23
```

Problems Javadoc Declaration Console ×

<terminated> evenorodd [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe
Enter the number: 5
odd

4. Write a Java program to check whether a given year is a leap year

<https://codeshare.io/ZJEWbQ>

```
leapyear.java ×
1 package com.tecnotree.assignment1programs;
2 import java.util.Scanner;
3 public class leapyear {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Scanner in = new Scanner(System.in);
8         System.out.print("Enter the year: ");
9         int num = in.nextInt();
10        if(num%4==0) {
11            if(num%100==0) {
12                System.out.println("leap year");
13            }
14        }
15        else
16        {
17            System.out.println("not a leap year");
18        }
19    }
20 }
21
22
23
24
```

Problems Javadoc Declaration Console ×

<terminated> leapyear [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe (28-Feb-202
Enter the year: 2014
not a leap year

5. Write a Java program to print the ASCII value of a given character.

<https://codeshare.io/LwE8rK>

```
1 package com.tecnotree.assignment1programs;
2 import java.util.Scanner;
3 public class ascii {
4     public static void main(String[] args) {
5         Scanner in = new Scanner(System.in);
6         System.out.print("Enter the character: ");
7         char c = in.next().charAt(0);
8         int asciiValue = (int) c;
9
10        System.out.println("The ASCII value of " + c + " is " + asciiValue);
11    }
12 }
13
14
15
```

Problems Javadoc Declaration Console ×

<terminated> ascii [Java Application] C:\Users\Mahadrajdk-19\bin\javaw.exe (28-Feb-2023, 5:19:01 pm – 5:19:05 pm) [pid: 1418]

Enter the character: a

The ASCII value of a is 97

6. Write a Java program to convert Celsius to Fahrenheit.

<https://codeshare.io/BA7XOn>

```
1 package com.tecnotree.assignment1programs;
2 import java.util.Scanner;
3 public class celtofar {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Scanner in = new Scanner(System.in);
8
9         System.out.print("Enter temperature in Celsius: ");
10        double celsius = in.nextDouble();
11
12        double fahrenheit = (celsius * 9/5) + 32;
13
14        System.out.println(celsius + " degrees Celsius is equal to " + fahrenheit + " degrees Fahrenheit.");
15    }
16 }
17
18
19
```

Problems Javadoc Declaration Console ×

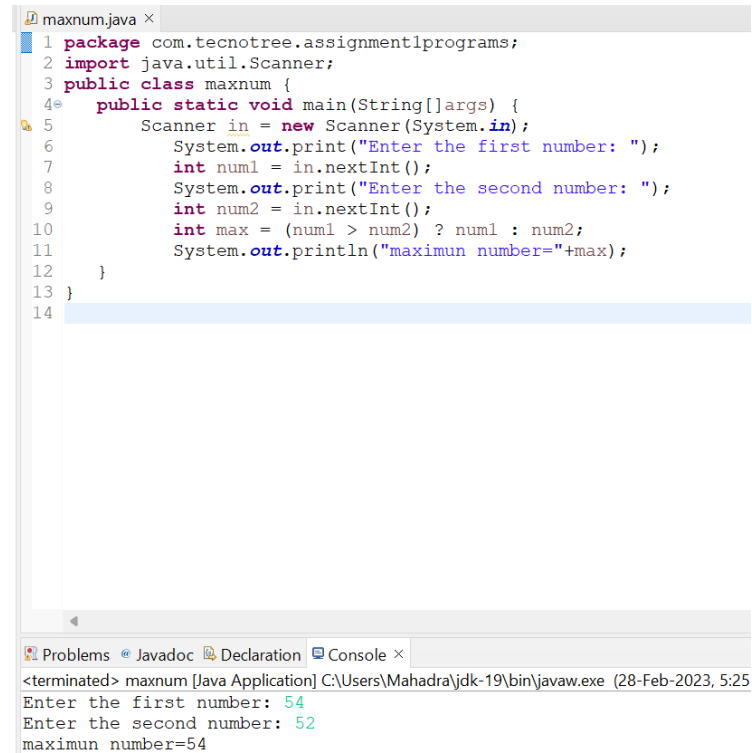
<terminated> celtofar [Java Application] C:\Users\Mahadrajdk-19\bin\javaw.exe (28-Feb-2023, 5:21:47 pm – 5:21:55 pm) [pid: 11404]

Enter temperature in Celsius: 27.3

27.3 degrees Celsius is equal to 81.14 degrees Fahrenheit.

7. Write a Java program to find the maximum of two numbers

<https://codeshare.io/OdEoWx>



The screenshot shows an IDE with a file named 'maxnum.java'. The code is as follows:

```
1 package com.tecnotree.assignment1programs;
2 import java.util.Scanner;
3 public class maxnum {
4     public static void main(String[] args) {
5         Scanner in = new Scanner(System.in);
6         System.out.print("Enter the first number: ");
7         int num1 = in.nextInt();
8         System.out.print("Enter the second number: ");
9         int num2 = in.nextInt();
10        int max = (num1 > num2) ? num1 : num2;
11        System.out.println("maximun number="+max);
12    }
13 }
14
```

The console output shows the program execution:

```
<terminated> maxnum [Java Application] C:\Users\Mahadra\jdk-19\bin\javaw.exe (28-Feb-2023, 5:25)
Enter the first number: 54
Enter the second number: 52
maximun number=54
```