

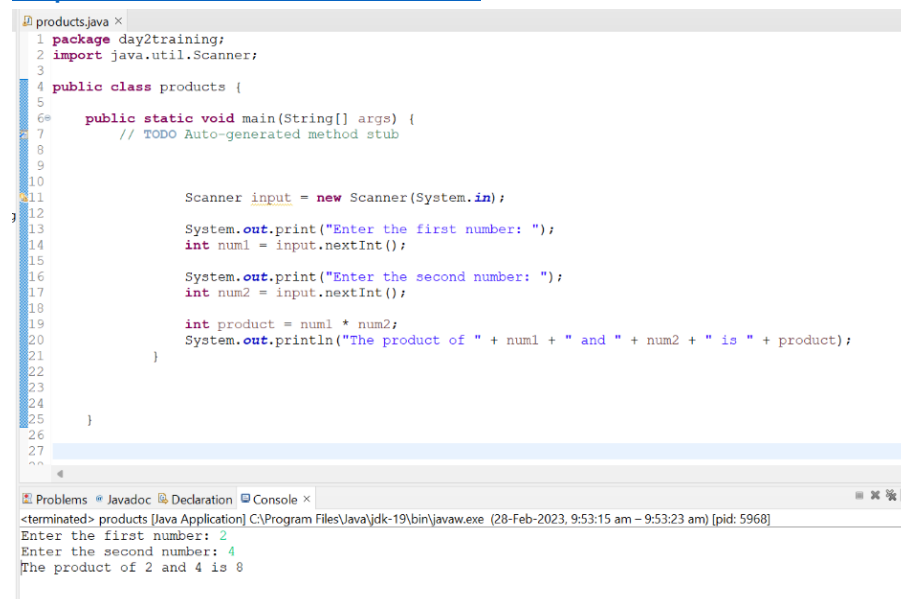
# Assignment -1

## Basic Java Programs

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

<https://codeshare.io/ZJEnP7>



```
products.java x
1 package day2training;
2 import java.util.Scanner;
3
4 public class products {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8
9
10
11         Scanner input = new Scanner(System.in);
12
13         System.out.print("Enter the first number: ");
14         int num1 = input.nextInt();
15
16         System.out.print("Enter the second number: ");
17         int num2 = input.nextInt();
18
19         int product = num1 * num2;
20         System.out.println("The product of " + num1 + " and " + num2 + " is " + product);
21     }
22 }
23
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```

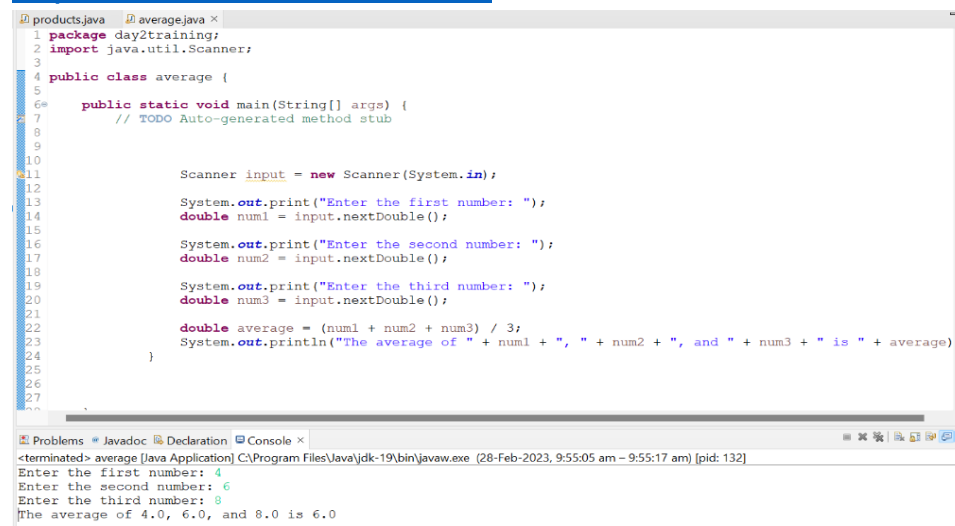
Problems Javadoc Declaration Console x

<terminated> products [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (28-Feb-2023, 9:53:15 am - 9:53:23 am) [pid: 5968]

Enter the first number: 2  
Enter the second number: 4  
The product of 2 and 4 is 8

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

<https://codeshare.io/JbM8mn>



```
products.java x average.java x
1 package day2training;
2 import java.util.Scanner;
3
4 public class average {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8
9
10
11         Scanner input = new Scanner(System.in);
12
13         System.out.print("Enter the first number: ");
14         double num1 = input.nextDouble();
15
16         System.out.print("Enter the second number: ");
17         double num2 = input.nextDouble();
18
19         System.out.print("Enter the third number: ");
20         double num3 = input.nextDouble();
21
22         double average = (num1 + num2 + num3) / 3;
23         System.out.println("The average of " + num1 + ", " + num2 + ", and " + num3 + " is " + average);
24     }
25 }
26
27
28
```

Problems Javadoc Declaration Console x

<terminated> average [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (28-Feb-2023, 9:55:05 am - 9:55:17 am) [pid: 132]

Enter the first number: 4  
Enter the second number: 6  
Enter the third number: 8  
The average of 4.0, 6.0, and 8.0 is 6.0

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

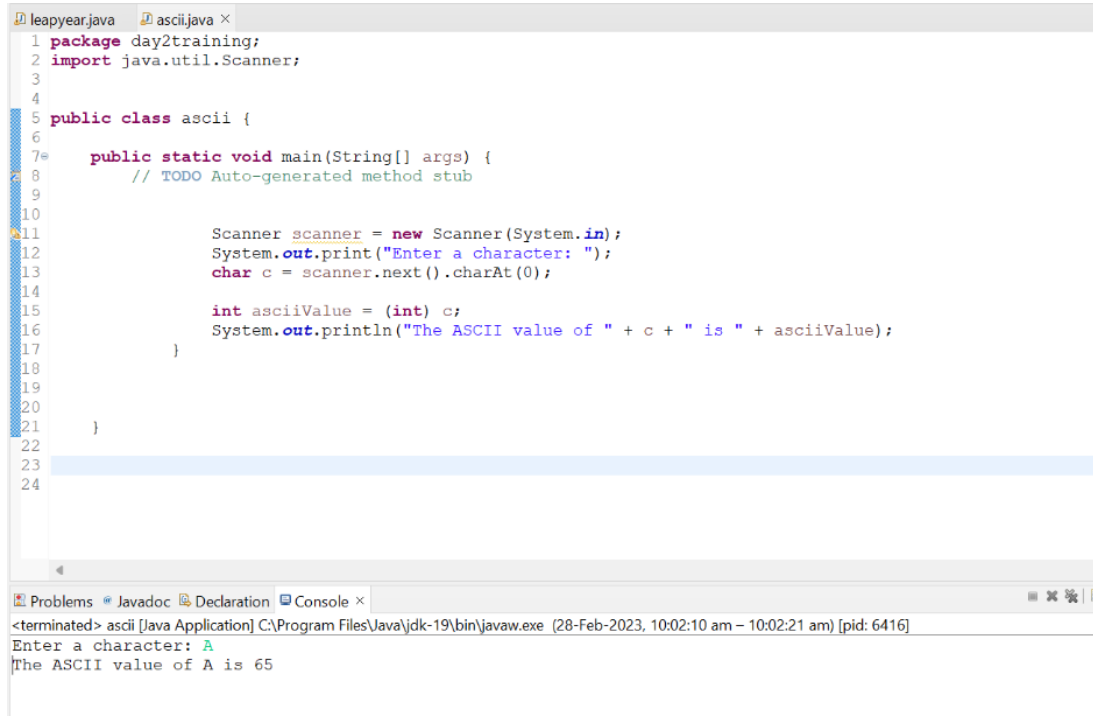
<https://codeshare.io/eV6pBb>

```
products.java  average.java  evenorodd.java x
1 package day2training;
2 import java.util.Scanner;
3
4 public class evenorodd {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8
9
10
11         Scanner input = new Scanner(System.in);
12
13         System.out.print("Enter a number: ");
14         int num = input.nextInt();
15
16         if (num % 2 == 0) {
17             System.out.println(num + " is even");
18         } else {
19             System.out.println(num + " is odd");
20         }
21     }
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```

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

<https://codeshare.io/OdEXji>



```
1 package day2training;
2 import java.util.Scanner;
3
4
5 public class ascii {
6
7     public static void main(String[] args) {
8         // TODO Auto-generated method stub
9
10
11         Scanner scanner = new Scanner(System.in);
12         System.out.print("Enter a character: ");
13         char c = scanner.next().charAt(0);
14
15         int asciiValue = (int) c;
16         System.out.println("The ASCII value of " + c + " is " + asciiValue);
17     }
18
19
20
21 }
22
23
24
```

Problems Javadoc Declaration Console x

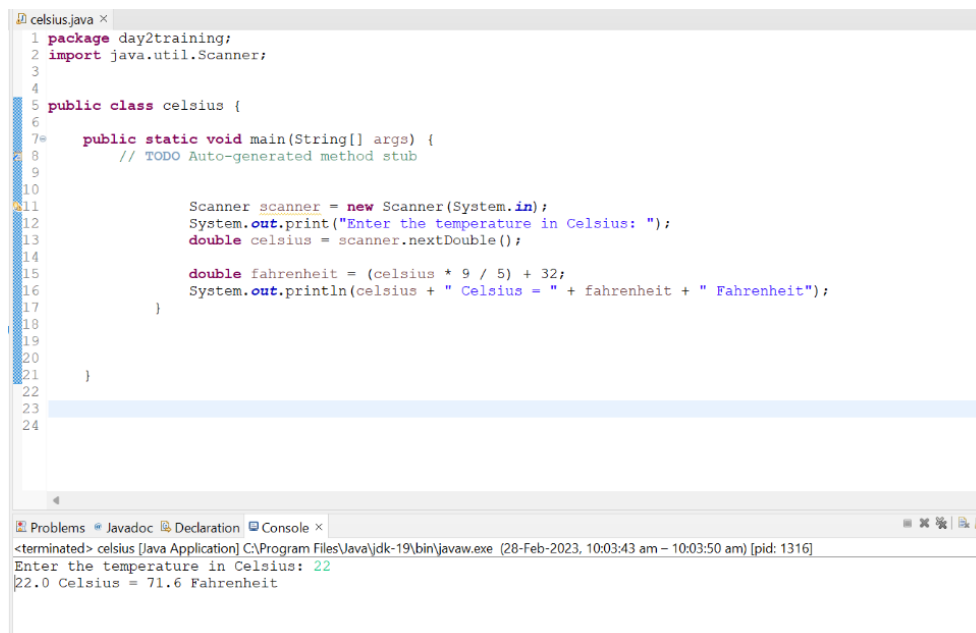
<terminated> ascii [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (28-Feb-2023, 10:02:10 am – 10:02:21 am) [pid: 6416]

Enter a character: A

The ASCII value of A is 65

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

<https://codeshare.io/YLE8V3>



```
1 package day2training;
2 import java.util.Scanner;
3
4
5 public class celsius {
6
7     public static void main(String[] args) {
8         // TODO Auto-generated method stub
9
10
11         Scanner scanner = new Scanner(System.in);
12         System.out.print("Enter the temperature in Celsius: ");
13         double celsius = scanner.nextDouble();
14
15         double fahrenheit = (celsius * 9 / 5) + 32;
16         System.out.println(celsius + " Celsius = " + fahrenheit + " Fahrenheit");
17     }
18
19
20
21 }
22
23
24
```

Problems Javadoc Declaration Console x

<terminated> celsius [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (28-Feb-2023, 10:03:43 am – 10:03:50 am) [pid: 1316]

Enter the temperature in Celsius: 22

22.0 Celsius = 71.6 Fahrenheit

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

<https://codeshare.io/WdEKg8>



The screenshot shows a Java IDE with a file named 'maxtwo.java'. The code defines a package 'day2training', imports 'java.util.Scanner', and creates a public class 'maxtwo'. Inside the class, there is a 'main' method that uses a 'Scanner' to take two double inputs from the user. It then compares the two numbers and prints the maximum. The console output shows the user entering '6' and '4', and the program outputting 'The maximum of 6.0 and 4.0 is 6.0'.

```
1 package day2training;
2 import java.util.Scanner;
3
4 public class maxtwo {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8
9
10
11         Scanner scanner = new Scanner(System.in);
12         System.out.print("Enter the first number: ");
13         double num1 = scanner.nextDouble();
14         System.out.print("Enter the second number: ");
15         double num2 = scanner.nextDouble();
16
17         double max = (num1 > num2) ? num1 : num2;
18         System.out.println("The maximum of " + num1 + " and " + num2 + " is " + max);
19     }
20
21
22
23 }
24
25
26
```

Problems Javadoc Declaration Console x

<terminated> maxtwo [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (28-Feb-2023, 10:05:27 am - 10:05:37 am) [pid: 6512]

Enter the first number: 6  
Enter the second number: 4  
The maximum of 6.0 and 4.0 is 6.0

-----THANK YOU-----