

```
Order.java MadLibs.java Animal.java Animal.java shape.java Student.java Student1.java Student2.java Card2.java
1 package pri;
2 import java.util.Scanner;
3 // Program to Converts given temperature in Fahrenheit to Celsius
4 public class FarenheitToCelsius {
5     public static void main(String[] args) {
6         Scanner in = new Scanner(System.in);
7         System.out.println("Enter temperature in Farenheit: ");
8         int temp = in.nextInt();
9
10        double C = 5.0 / 9.0 * (temp - 32);
11
12        System.out.println("The converted temperature is: " + C);
13
14        in.close();
15    }
16 }
```

Console ×

<terminated> FarenheitToCelsius [Java Application] C:\Users\DELL\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.22.0.1.v20240426-1149\jre\bin\javaw.exe

Enter temperature in Farenheit:
80
The converted temperature is: 26.666666666666668

```
Order.java MadLibs.java Animal.java × Animal.java shape.java Student.java Student1.java Student2.java FarenheitToCe... Hypotenuse.java
1 package pri;
2 //Program to Compute the Hypotenuse of a triangle
3 import java.util.Scanner;
4
5 public class Hypotenuse {
6     public static void main(String[] args) {
7         Scanner in = new Scanner(System.in);
8
9         System.out.println("Enter the length of side a: ");
10        double a = in.nextDouble();
11
12        System.out.println("Enter the length of side b: ");
13        double b = in.nextDouble();
14        double c = Math.sqrt(Math.pow(a, 2) + Math.pow(b, 2));
15
16        System.out.printf("The length of the hypotenuse is: %.2f\n", c);
17
18        in.close();
19    }
20 }
21 }
```

Console ×

<terminated> FarenheitToCelsius [Java Application] C:\Users\DELL\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.22.0.1.v20240426-1149\jre\bin\javaw.exe (1 Aug 2024, 9:40:11)

Enter the length of side a:
5
Enter the length of side b:
7
The length of the hypotenuse is: 8.60

```
Order.java MadLibs.java Animal.java Animal.java shape.java Student.java Student1.java Student2.java Card2.java module-info...
1 package pri;
2 import java.util.Random;
3 //Program to Simulate the rolling of two 6-sided dice and display their sum.
4 public class DiceSum {
5     public static void main(String[] args) {
6         Random random = new Random();
7
8         int die1 = random.nextInt(6) + 1;
9
10        int die2 = random.nextInt(6) + 1;
11
12        int sum = die1 + die2;
13
14        System.out.println("Die 1: " + die1);
15        System.out.println("Die 2: " + die2);
16        System.out.println("Sum of both dice: " + sum);
17    }
18 }
```

Console ×

<terminated> DiceSum [Java Application] C:\Users\DELL\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (1 Aug 2024, 9:41:02 am)
Die 1: 5
Die 2: 4
Sum of both dice: 9

```
Order.java MadLibs.java Animal.java Animal.java shape.java Student.java Student1.java FahrenheitToC... Hypo
1 package pri;
2
3 import java.util.Scanner;
4
5 public class ProcessName {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8
9         System.out.print("Type your name: ");
10        String fullName = scanner.nextLine();
11
12        int spaceIndex = fullName.indexOf(' ');
13
14        String firstName = fullName.substring(0, spaceIndex);
15        String lastName = fullName.substring(spaceIndex + 1);
16
17        char firstInitial = firstName.charAt(0);
18
19        System.out.printf("Your name is: %s, %c.%n", lastName, firstInitial);
20
21        scanner.close();
22    }
23 }
24
```

Console ×

<terminated> DiceSum [Java Application] C:\Users\DELL\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe
Type your name: Stark Tony
Your name is: Tony, S.