

Package Explorer X

mai
 JRE System Library [JavaSE-15]
 src
 ab
 bc
 cd
 jk
 mai
 pri
 FahrenheitToCelsius.java
 module-info.java
 main

```
1 package pri;  
2 import java.util.Scanner;  
3  
4 public class FahrenheitToCelsius {  
5     public static void main(String[] args) {  
6         Scanner scanner = new Scanner(System.in);  
7  
8         System.out.print("Enter temperature in Fahrenheit: ");  
9         double fahrenheit = scanner.nextDouble();  
10  
11         double celsius = (fahrenheit - 32) * 5 / 9;  
12  
13         System.out.println("Temperature in Celsius: " + celsius);  
14  
15         scanner.close();  
16     }  
17 }  
18
```

Console X

```
<terminated> FahrenheitToCelsius [Java Application] C:\Users\MAITHREYEE\Downloads\eclipse-jee-2024-06-R-win32-x86_64\eclipse\plugins\or  
Enter temperature in Fahrenheit: 25  
Temperature in Celsius: -3.888888888888889
```

Task List X

Find All Activate...

Outline X

pri
 FahrenheitToCelsius
 main(String[]): void

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```
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4 public class FahrenheitToCelsius {
5     public static void main(String[] args) {
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13         System.out.println("Temperature in Celsius: " + celsius);
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15         scanner.close();
16     }
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18
```

Task List X

Find All Activate...

Outline X

- pri
 - FahrenheitToCelsius
 - main(String[]): void

Console X

```
<terminated> FahrenheitToCelsius [Java Application] C:\Users\MAITHREYEE\Downloads\eclipse-jee-2024-06-R-win32-x86_64\eclipse\plugins\or
Enter temperature in Fahrenheit: 98.6
Temperature in Celsius: 37.0
```

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 - FahrenheitToCelsius.java
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 - main

```
1 package pri;
2 import java.util.Scanner;
3
4 public class HypotenuseCalculator {
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7
8         System.out.print("Enter the length of side a: ");
9         double sideA = scanner.nextDouble();
10
11         System.out.print("Enter the length of side b: ");
12         double sideB = scanner.nextDouble();
13
14         double hypotenuse = Math.sqrt(Math.pow(sideA, 2) + Math.pow(sideB, 2));
15
16         System.out.println("The length of the hypotenuse is: " + hypotenuse);
17
18         scanner.close();
19     }
20 }
21
```

Console X

<terminated> HypotenuseCalculator [Java Application] C:\Users\MAITHREYEE\Downloads\eclipse-jee-2024-06-R-win32-x86_64\eclipse\plugins

Enter the length of side a: 3
Enter the length of side b: 4
The length of the hypotenuse is: 5.0

Task List X

Find

All Activate...

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 - main(String[]): void

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 - jk
 - mai
 - pri
 - DiceRollSimulation.java
 - FahrenheitToCelsius.java
 - HypotenuseCalculator.java
 - module-info.java
 - main

```
1 package pri;
2 import java.util.Random;
3
4 public class DiceRollSimulation {
5     public static void main(String[] args) {
6         Random random = new Random();
7
8         int die1 = random.nextInt(6) + 1;
9         int die2 = random.nextInt(6) + 1;
10
11         int sum = die1 + die2;
12
13         System.out.println("Roll of die 1: " + die1);
14         System.out.println("Roll of die 2: " + die2);
15         System.out.println("Sum of both dice: " + sum);
16     }
17 }
18
```

Console X

```
<terminated> DiceRollSimulation [Java Application] C:\Users\MAITHREYEE\Downloads\eclipse-jee-2024-06-R-win32-x86_64\eclipse\plugins\or
Roll of die 1: 6
Roll of die 2: 4
Sum of both dice: 10
```

Task List X

Find All Activate...

Outline X

- pri
 - DiceRollSimulation
 - main(String[]): void