




ComputeMethods.j...






```
1 //Harini.R 192324108
2 //JFo-4 question-1
3 import java.util.Scanner;
4
5 public class ComputeMethods {
6     public static void main(String[] args) {
7         ComputeMethods cm = new ComputeMethods();
8         Scanner scanner = new Scanner(System.in);
9
10        System.out.print("Enter temperature in Fahrenheit: ");
11        double fahrenheit = scanner.nextDouble();
12        System.out.println("Temp in celsius is " + cm.fToC(fahrenheit));
13
14        System.out.print("Enter side length a: ");
15        int a = scanner.nextShort();
16        System.out.print("Enter side length b: ");
17        int b = scanner.nextShort();
18        System.out.println("Hypotenuse is " + cm.hypotenuse(a, b));
19
20        System.out.println("The sum of the dice values is " + cm.roll());
21    }
22
23    public double fToC(double f) {
24        return 5 / 9.0 * (f - 32);
25    }
26
27    public double hypotenuse(int a, int b) {
28        return Math.sqrt((a * a) + (b * b));
29    }
30
31    public int roll() {
32        return (int) (Math.random() * 6 + 1) + (int) (Math.random() * 6 + 1);
33    }
34 }
```

```
Enter temperature in Fahrenheit: 95.3
Temp in celsius is 35.166666666666664
Enter side length a: 5
Enter side length b: 3
Hypotenuse is 5.830951894845301
The sum of the dice values is 7
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

ProcessName.java 

```
1 //Harini.R 192324108
2 //JFo-4 question-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        String[] names = fullName.split(" ");
13        String lastName = names[names.length - 1];
14        String firstNameInitial = names[0].substring(0, 1) + ".";
15
16        System.out.println("Your name is: " + lastName + ", " + firstNameInitial);
17
18        scanner.close();
19    }
20 }
21
22
23
24
25
```

input

```
Type your name: Raja Harini
Your name is: Harini, R.

...Program finished with exit code 0
Press ENTER to exit console.
```