NAME: ROOPESH T B

**BUILD A PROGRAM IN JAVA THAT CONVERTS TEMPERATURES BETWEEN CELSIUS AND FAHRENHEIT.**

**PROGRAM:**

import java.util.Scanner;

**public** **class** TEMPERATURECONVERTER {

**public** **static** **void** main(String[] args) {

Scanner input = **new** Scanner(System.in);

**double** celsius, fahrenheit;

System.out.print("Enter temperature in Celsius: ");

celsius = input.nextDouble();

// Convert Celsius to Fahrenheit

fahrenheit = (celsius \* 9/5) + 32;

System.out.println("Temperature in Fahrenheit: " + fahrenheit);

System.out.print("Enter temperature in Fahrenheit: ");

fahrenheit = input.nextDouble();

// Convert Fahrenheit to Celsius

celsius = (fahrenheit - 32) \* 5/9;

System.out.println("Temperature in Celsius: " + celsius);

input.close();

 }

}

**Output:**

Enter temperature in Celsius: 54

Temperature in Fahrenheit: 29.2

Enter temperature in Fahrenheit:54

Temperature in Celsius: 12.222222222222221