Temperature Converter

import java.util.Scanner;

public class week\_2 {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.println("Temperature Converter");

System.out.println("Options:");

System.out.println("1. Celsius to Fahrenheit");

System.out.println("2. Fahrenheit to Celsius");

System.out.print("Enter your choice (1/2): ");

int choice = scanner.nextInt();

if (choice != 1 && choice != 2) {

System.out.println("Invalid choice. Please enter 1 or 2.");

return;

}

System.out.print("Enter the temperature value: ");

double temperature = scanner.nextDouble();

if (choice == 1) {

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

System.out.println("Result: " + temperature + "°C is " + fahrenheit + "°F");

} else {

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

System.out.println("Result: " + temperature + "°F is " + celsius + "°C");

}

}

}