// Program 1: Welcome to Bridgelabz

public class Welcome {

public static void main(String[] args) {

System.out.println("Welcome to Bridgelabz!");

}

}

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// Program 2: Add Two Numbers

import java.util.Scanner;

public class AddTwoNumbers {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter first number: ");

int a = sc.nextInt();

System.out.print("Enter second number: ");

int b = sc.nextInt();

int sum = a + b;

System.out.println("Sum: " + sum);

}

}

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// Program 3: Celsius to Fahrenheit

import java.util.Scanner;

public class CelsiusToFahrenheit {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

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

double celsius = sc.nextDouble();

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

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

}

}

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// Program 4: Area of a Circle

import java.util.Scanner;

public class CircleArea {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter radius: ");

double radius = sc.nextDouble();

double area = Math.PI \* radius \* radius;

System.out.println("Area of the circle: " + area);

}

}

--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

// Program 5: Volume of a Cylinder

import java.util.Scanner;

public class CylinderVolume {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter radius: ");

double radius = sc.nextDouble();

System.out.print("Enter height: ");

double height = sc.nextDouble();

double volume = Math.PI \* radius \* radius \* height;

System.out.println("Volume of the cylinder: " + volume);

}

}

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// Program 6: Simple Interest

import java.util.Scanner;

public class SimpleInterest {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter Principal: ");

double principal = sc.nextDouble();

System.out.print("Enter Rate: ");

double rate = sc.nextDouble();

System.out.print("Enter Time: ");

double time = sc.nextDouble();

double interest = (principal \* rate \* time) / 100;

System.out.println("Simple Interest: " + interest);

}

}

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// Program 7: Perimeter of a Rectangle

import java.util.Scanner;

public class RectanglePerimeter {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter length: ");

double length = sc.nextDouble();

System.out.print("Enter width: ");

double width = sc.nextDouble();

double perimeter = 2 \* (length + width);

System.out.println("Perimeter of rectangle: " + perimeter);

}

}

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// Program 8: Power Calculation

import java.util.Scanner;

public class PowerCalculation {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter base: ");

double base = sc.nextDouble();

System.out.print("Enter exponent: ");

double exponent = sc.nextDouble();

double result = Math.pow(base, exponent);

System.out.println("Result: " + result);

}

}

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// Program 9: Kilometers to Miles Conversion

import java.util.Scanner;

public class KmToMiles {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter distance in kilometers: ");

double km = sc.nextDouble();

double miles = km \* 0.621371;

System.out.println("Distance in miles: " + miles);

}

}