using System;

namespace DeveloperInternTest

{

class Program

{

static void Main(string[] args)

{

// Task 1: Declare and initialize variables

string name = "John Doe";

int age = 25;

bool isAdmin = true;

Console.WriteLine("Task 1 Output:");

Console.WriteLine("Name: " + name);

Console.WriteLine("Age: " + age);

Console.WriteLine("Is Admin: " + isAdmin);

Console.WriteLine();

// Task 2: Check if number is even or odd

Console.WriteLine("Task 2 Output:");

Console.Write("Enter an integer: ");

string userInput = Console.ReadLine();

int number;

if (int.TryParse(userInput, out number))

{

if (number % 2 == 0)

Console.WriteLine("Even");

else

Console.WriteLine("Odd");

}

else

{

Console.WriteLine("Invalid input.");

}

Console.WriteLine();

// Task 3: Print numbers 1 to 10

Console.WriteLine("Task 3 Output:");

for (int i = 1; i <= 10; i++)

{

Console.WriteLine(i);

}

Console.WriteLine();

// Task 4: Array and sum

Console.WriteLine("Task 4 Output:");

int[] numbers = { 2, 4, 6, 8, 10 };

int sum = 0;

Console.WriteLine("Array elements:");

foreach (int n in numbers)

{

Console.WriteLine(n);

sum += n;

}

Console.WriteLine("Sum of array elements: " + sum);

Console.WriteLine();

// Task 5: Greet method

Console.WriteLine("Task 5 Output:");

Greet("Alice");

}

// Method for Task 5

static void Greet(string name)

{

Console.WriteLine($"Hello, {name}!");

}

}

}