Lab 03

27003

MER Perera

1using System;

namespace EvenOddChecker

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter a number: ");

int number = Convert.ToInt32(Console.ReadLine());

if (number % 2 == 0)

Console.WriteLine("Even");

else

Console.WriteLine("Odd");

}

}

}

2. using System;

namespace VowelCounter

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter a string: ");

string input = Console.ReadLine().ToLower();

int vowelCount = 0;

foreach (char c in input)

{

if ("aeiou".Contains(c))

vowelCount++;

}

Console.WriteLine($"Number of vowels: {vowelCount}");

}

}

}

3. using System;

namespace SumOfDigits

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter a number: ");

int number = Convert.ToInt32(Console.ReadLine());

int sum = 0;

while (number != 0)

{

sum += number % 10;

number /= 10;

}

Console.WriteLine($"Sum of digits: {sum}");

}

}

}

4. using System;

namespace SumOfOddNumbers

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter a positive integer: ");

int n = Convert.ToInt32(Console.ReadLine());

int sum = 0;

for (int i = 1; i <= n; i += 2)

{

sum += i;

}

Console.WriteLine($"Sum of odd numbers from 1 to {n}: {sum}");

}

}

}