**T.S.R Wasanthadeva**

**27045**

**Lab 03**

02.

static void Main(string[] args)

{

Console.Write("enter a string: ");

string input = Console.ReadLine();

char[] letters = input.ToCharArray();

int vowels = 0;

for(int i = 0; i<letters.Length; i++)

{

if (letters[i] == 'a' || letters[i] == 'A')

vowels++;

if (letters[i] == 'e' || letters[i] == 'E')

vowels++;

if (letters[i] == 'i' || letters[i] == 'I')

vowels++;

if (letters[i] == 'o' || letters[i] == 'O')

vowels++;

if (letters[i] == 'u' || letters[i] == 'U')

vowels++;

}

Console.WriteLine("no of vowels: " + vowels);

Console.ReadLine();

}

static void Main(string[] args)

{

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

int number = int.Parse(Console.ReadLine());

int sum = 0;

for (int temp = number; temp != 0; temp /= 10)

{

int digit = temp % 10;

sum += digit;

}

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

Console.ReadLine();

}

static void Main(string[] args)

{

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

int num = int.Parse(Console.ReadLine());

int sum = 0, odds = 0;

for(int temp=num; temp!=0; temp /= 10)

{

int digit = temp % 10;

if(digit%2 != 0)

sum += digit;

}

Console.Write("sum of odds: " + sum);

Console.ReadLine();

}