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1)

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace tute\_3q1.cs

{

internal class Program

{

static void Main(string[] args)

{

double div = 0;

double num;

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

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

div = num % 2;

if (div == 0)

{

Console.WriteLine("Even");

}

else

{

Console.WriteLine("Odd");

}

}

}

}

2)

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TUTE\_3Q2.cs

{

internal class Program

{

static void Main(string[] args)

{

int c;

string word;

int vowel=0;

Console.WriteLine("enter a word");

word = (Console.ReadLine());

for( c = 0; c < word.Length; c++)

{ if (word[c] == 'a' || word[c] == 'e' || word[c] == 'i' || word[c] == 'o' || word[c] == 'u' ||

word[c] == 'A' || word[c] == 'E' || word[c] == 'I' || word[c] == 'O' || word[c] == 'U')

{

vowel++ ;

}

}

Console.WriteLine("the number of vowels are: " + vowel);

}

}

}

3)

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace tute\_3.q3.cs

{

internal class Program

{

static void Main(string[] args)

{

int i;

string num;

int sum=0;

Console.WriteLine("enter number");

num = Console.ReadLine();

for (i = 0; i < num.Length; i++)

{

int mynum = int.Parse(num[i].ToString());

sum += mynum;

}

Console.WriteLine("The sum of the values are " + sum);

}

}

}

4)

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace tute\_3\_q4.cs

{

internal class Program

{

static void Main(string[] args)

{

int i;

string num;

int sum = 0;

int div = 0;

int odd = 0;

Console.WriteLine("enter number");

num = Console.ReadLine();

for (i = 0; i < num.Length; i++)

{

int mynum = int.Parse(num[i].ToString());

div = mynum % 2;

if (div == 1)

{

odd++;

sum += mynum;

}

}

Console.WriteLine("The sum of the odd numbers are " + sum + " and the number of odd numbers are " + odd);

}

}

}