ASSIGNMENT 1 C#

1.wap to add three numbers

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static int sum(int num1, int num2, int num3)

{

int total;

total = num1 + num2 + num3;

return total;

}

static void Main(string[] args)

{

Console.Write("\n\nFunction to calculate the sum of two numbers :\n");

Console.Write("--------------------------------------------------\n");

Console.Write("Enter a number1: ");

int n1 = Convert.ToInt32(Console.ReadLine());

Console.Write("Enter a number2: ");

int n2 = Convert.ToInt32(Console.ReadLine());

Console.Write("Enter a number3: ");

int n3 = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("\nThe sum of three numbers is : {0} \n", sum(n1, n2, n3));

}

}

}

2.wap to print sum and average of 1st 20 natural numbers

using System;

public class Exercise2

{

public static void Main()

{

int j, sum = 0;

Console.WriteLine(" ");

Console.WriteLine(" ");

Console.Write("The first 20 natural number are :\n");

for (j = 1; j <= 20; j++)

{

sum = sum + j;

Console.Write("{0} ",j);

}

Console.Write("\nThe Sum is : {0}\n", sum);

}

}

3.wap to print first 50 even numbers

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

int i;

for(i=0;i<=50;i++)

{

if(i%2==0)

{

Console.WriteLine(i);

}

}

}

}

}

4.wap to check to prime or not

using System;

namespace Demo {

class MyApplication {

public static void Main() {

int n = 5, a = 0;

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

if (n % i == 0) {

a++;

}

}

if (a == 2) {

Console.WriteLine("{0} is a Prime Number", n);

} else {

Console.WriteLine("Not a Prime Number");

}

Console.ReadLine();

}

}

}

5.wap to print table to entered number format

5\*1=5

5\*2=10

using System;

public class Exercise8

{

public static void Main()

{

int x;

int result;

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

x = Convert.ToInt32(Console.ReadLine() );

result = x \* 1;

Console.WriteLine("The table is : {0} x {1} = {2}", x, 1, result);

result = x \* 2;

Console.WriteLine(" : {0} x {1} = {2}", x, 2, result);

result = x \* 3;

Console.WriteLine(" : {0} x {1} = {2}", x, 3, result);

result = x \* 4;

Console.WriteLine(" : {0} x {1} = {2}", x, 4, result);

result = x \* 5;

Console.WriteLine(" : {0} x {1} = {2}", x, 5, result);

result = x \* 6;

Console.WriteLine(" : {0} x {1} = {2}", x, 6, result);

result = x \* 7;

Console.WriteLine(" : {0} x {1} = {2}", x, 7, result);

result = x \* 8;

Console.WriteLine(" : {0} x {1} = {2}", x, 8, result);

result = x \* 9;

Console.WriteLine(" : {0} x {1} = {2}", x, 9, result);

result = x \* 10;

Console.WriteLine(" : {0} x {1} = {2}", x, 10, result);

}

}