**PROBLEM 2: ASIGNMENT 2**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace PF2

{

internal class Program

{

static void Main(string[] args)

{

int i, j, sum;

Console.WriteLine("enter number");

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

for (i = 1; i < n && n % i != 0; i++)

{

if (i == n)

{

Console.WriteLine("it is a perfect number");

}

else

{

Console.WriteLine();

}

}

else

{

for (j = 1; j <= 100000; j++)

{

i = 1;

sum = 0;

while (i < j)

{

if (j % i == 0)

sum = sum + i;

i++;

}

if (sum == j)

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

}

Console.Write("\n");

}

Console.ReadKey();

}

}

}