1.

using System;

namespace Perfect\_number

{

class Program

{

public static int Find\_Factors(int input)

{

int sum = 0;

for(int i=1;i<input;i++)

{

if (input%i==0)

{

sum = sum + i;

}

}

return sum;

}

static void Main(string[]args)

{

Console.Write("Input : ");

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

int result = Find\_Factors(input);

if (input ==result)

{

Console.WriteLine("It's a perfect number");

}

else

{

Console.WriteLine("It's not a perfect number");

}

}

}

}

2.

using System;

namespace Print\_Something\_Using\_Nested\_Loop

{

class Program

{

static void Main(string[] args)

{

for (int column = 0; column < 4; column++)

{

for (int row = 0; row < 4; row++)

{

if ((row + column) % 2 == 0)

{

Console.Write("X");

}

else if ((row + column) % 2 == 1)

{

Console.Write("O");

}

else

{

Console.Write("Neither X nor O");

}

}

Console.WriteLine();

}

}

}

}