**Take number from user until 0 is entered. Print all the prime numbers entered**

class Program

{

static void Main(string[] args) {

int[] numbers = new int[10];

int count = 0;

Console.WriteLine("Enter numbers");

int input;

do

{

if (int.TryParse(Console.ReadLine(), out input))

{

numbers[count] = input;

if (count < numbers.Length)

{

count++;

}

else

Console.WriteLine("-------------------");

}

else

{

Console.WriteLine("Invalid input.");

}

}

while (input != 0);

Console.WriteLine("Prime numbers");

for (int i = 0; i < count; i++)

{

if (IsPrime(numbers[i]))

{

Console.WriteLine(numbers[i]);

}

}

}

static bool IsPrime(int num)

{

if (num <= 1)

return false;

for (int i = 2; i \* i <= num; i++)

{

if (num % i == 0)

return false;

}

return true;

}

}