Given an integer M. Output the Mth prime. 1 <= M <= 70201

* **[time limit] 3000ms (cs)**
* **[input] integer M**

integer M

* **[output] integer**

Mth Prime

<https://codefights.com/challenge/xsBB9x5NNs4gJLFmb/main>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static bool esPrimo(int n)

{

if (n < 2) return false;

if (n == 2) return true;

if (n % 2 == 0) return false;

int sqr = (int)Math.Sqrt(n);

for (int i = 3; i <= sqr; i += 2)

{

if (n % i == 0) return false;

}

return true;

}

int MthPrime(int M)

{

int mth = 0;

int i;

for (i = 2; mth < M; i++)

{

if (esPrimo(i))

{

mth++;

}

}

return i-1;

}

static void Main(string[] args)

{

}

}

}