

1. Program



1



Attempted: 1/1

JAVAB

Compiler: Java - 1.8



```
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public int NthPrime(int input1){
9         // Read only region end
10        int count=0,pcount=0,i;
11        for(i=2;i<=100000;i++)
12        {
13            count=0;
14            for(int j=2;j<=Math.sqrt(i);j++)
15            {
16                if(i%j==0)
17                    count++;
18            }
19            if(count==0)
20                pcount++;
21            if(pcount==input1)
22                break;
23        }
24        return i;
25    }
26 }
```

☐ Use Custom Input



Compile and Test

Submit Code

Question 1

[Revisit Later](#)

How to Attempt?

pyNth Prime

Write a function that finds and returns the Nth prime number. N will be passed as input to the function.

Assumption: $1 \leq N \leq 1000$, where N is the position of the prime number

The first prime number is 2
The second prime number is 3
The third prime number is 5
The fourth prime number is 7
The fifth prime number is 11
... and so on.

Example1: If the given number N is 10, the method must return the 10th prime number i.e. 29

Example2: If the given number N is 13, the method must return the 13th prime number i.e. 41

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21 Attempt

22

23

24

25

☐ Use Custom

Code Execution

0/8 - Graded

Corner

Corner

Necessa

Necessa

Basic 4