1. Program

1

Attempted: 1/1

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 <= N <=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

- Corner 2
- Corner 1
- Necessary 2
- Necessary 1
- Basic 4
- Basic 3
- Basic 2
- Basic 1

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JAVA7 | Compiler: Java - 1.7

```
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)
```

Use Custom Input

Compile and Test | Submit Code