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

JAVA7 | Compiler: Java - 1.7

```
1  import java.io.*;
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         // Write code here...
11          int count=0,pcount=0,i;
12   for(i=2;i<=100000;i++)
13   {
14    count-0;
15    for(int j=2;j<=Math.sqrt(i);j++)
16    {
17     if(i%j--0)
18      count++;
19    }
20    if(count==0)
21     pcount++;
22    if(pcount==input1)
23     break;
24   }
25   return i;
26     }
27 }
```

Use Custom Input

Compile and Test | Submit Code

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

Use Custom Input

Compile and Test

Submit Code

Code Execution | Code History

0/2 - Sample Test Cases Failed

Default 2

CODE EXECUTION DETAILS
Time: 359 ms
Memory: 103812 kb

TEST CASE INFORMATION
Input
15
Expected Output
47
Actual Output
47

CONSOLE OUTPUT

STANDARD ERROR/WARNING
None

Default 1

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

Use Custom Input

Compile and Test

Submit Code

Code Execution | Code History

0/8 - Graded Test Cases Failed

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