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Roll Number 873 Akash C
KUB23CSE014
Title MATHS TEST Description OLA HUB 23 C SED LA HUB 23 C SED
"10 "0" "5 "E "CA "8" "N" "CA "5".
Alice has a mathematics test for which she is underprepared. She has to do at least one question correctly to pass the test. He decides to do a question which needs her to find the smallest prime number which is larger than a given integer N. Your task is to find and return an integer value representing the smallest prime number larger than N.
Input Format:
input1: An integer value N Output Format:
Sample Input 6 Sample Output
Sample Output 7
Source Code: LUB' 3550 LUB'3C
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def next_prime(N):
           num = N + 1
           while True:
             is_prime = True
             for i in range(2, int(num**0.5) + 1):
               if num % i == 0:
                 is_prime = False
                 break
             if is_prime:
               return num
             num += 1
          N = int(input())
          result = next_prime(N)
          print(result)
     RESULT
5 / 5 Test Cases Passed | 100 %
```