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ANNAPURNA
VIIP22CSE010
Title  Description  Description
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
input1: An integer value N  Output Format:  Return an integer value representing the smallest prime number larger than N.
Return an integer value representing the smallest prime number larger than N.
Sample Output
Sample Output  7  Section 7
Source Code:  Source Code:  Lung 22 - Extra or Lung 23 - Extra or Lung
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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
0 / 5 Test Cases Passed | 0 %
```