STUDENT REPORT	£,
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KUB23CSE133 EXPERIMENT Title (1) 3 To be a second of the control	3
MATHS TEST 183 25 LUBY SELVEN	
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:	S.
input1: An integer value N Output Format:	4
Return an integer value representing the smallest prime number larger than N. Sample Input 6	3
Sample Output 7 Source Code: Sou	رص. م
Source Code: Style 12 25 Et 23 24 Et 23 25 Et 23 24 Et 2	,6
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KUBP 3C5 EL 33 KUBP 3	33

```
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 %
```