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MATHS TEST TEST TO THE TEST TEST TEST TEST TEST TEST TEST
EXPERIMENT Title Description Alice has a mathematics test for which she is undergrouped. She has to do at least one question correctly to pass the test. He
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 Input 6
Sample Output
Sample Output
Sample Output 7
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Sample Output Source Code: S
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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 %
```