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Description 38th Costs C
Alice has a mathematics test for which she is underprepared. 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.
to find and return an integer value representing the smallest prime number larger than N. Input Format:
input1: An integer value N Output Format:
Return an integer value representing the smallest prime number larger than N
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Sample Output 7
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Source Code: DO 3-15-3-16-17-3-2-17-2-17-3-3-3-17-3-17-3-17-3-3-17-3-2-17-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-
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Sample Output 7 Source Code: 9 9 9 9 9 9 9 9 9 9 9 9 9

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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 %
```