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Alice has a mathematics test for which she is underprepared. She has to do at least one question correctly to pass the to decides to do a question which needs her to find the smallest prime number which is larger than a given integer N. You	
Alice has a mathematics test for which she is underprepared. She has to do at least one question correctly to pass the to decides to do a question which needs her to find the smallest prime number which is larger than a given integer N. You to find and return an integer value representing the smallest prime number larger than N.	r task is
Input Format:	355
input1: An integer value N Output Format:	n ^c
	56A KUBÛ
Return an integer value representing the smallest prime number larger than N. Sample Input 6	
Sample Input	ESES
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Sample Output 7	
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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 %
```