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38Pt	Return an integer value representing the smallest prime number larger than N.	200,
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```
import math
         def is_prime(num):
             if num <= 1:
                return False
             if num == 2:
                 return True
             if num % 2 == 0:
                 return False
             for i in range(3, int(math.sqrt(num)) + 1, 2):
                 if num % i == 0:
                    return False
             return True
         def next_prime(N):
             candidate = N + 1
             while True:
                 if is_prime(candidate):
                    return candidate
                 candidate += 1
         # Input reading
         N = int(input())
         result = next_prime(N)
         print(result)
     RESULT
5 / 5 Test Cases Passed | 100 %
```