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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 test. He	
MPBTe	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.	OROTERÁ
	Input Format:	OAO
3EOAO	input1: An integer value N	- <del>-</del>
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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 %
```