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LAD	Description 2,205 ADS 251 22812 2405 ADS	
5.72281	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:	
	Input Format:	
312ADSAC	input1: An integer value N	
3/2/2	Output Format:	
<	Return an integer value representing the smallest prime number larger than N.	
405-1 225	Sample Input	
NO.	, O	
6	Sample Output	
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	Source Code: **Part ** ** ** ** ** ** ** ** ** ** ** ** **	

```
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 %
```