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36.	STUDENT REPORT TAILS, A 3BR23EC 1 A 3BR23	5772
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38R23E	PERIMENT Le 342 C 1 A 342	3BR
	Alice has a mathematics test for which she is underprepared. She has to do at least one question correctly to pass the test. He	
23EC11A	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.	13KC
	Input Format:	5
371×38R	input1: An integer value N	
511×	Output Format:	CATA
-	Return an integer value representing the smallest prime number larger than N.	
3BR23E(Sample Input	2
x 3	Sample Input 6 Sample Output	36
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23EC77A	7	273EC
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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 %
```