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82358	STUDENT REPORT	4
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LUB230	CHANDRAKALA Roll Number	33
	KUB23CSE031	
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3	Description 33 Lubris 35 C5 E03 Lubris 12 C5 E03 Lubris 20 Lubris 20 C5 E03 Lubris 20 Lubris 20 C5 E03 Lubris 20 Lubris 2	.5
J823-C5K	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.	^
4	Input Format: input1: An integer value N	
CSE031	Output Format: Return an integer value representing the smallest prime number larger than N.	si.
)	Return an integer value representing the smallest prime number larger than N.	
51 KUB23	Sample Input 6 Sample Output	St.
823C5E0	Sample Output 7	4
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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 %
```

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