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Name	23C5EC NAME SELDAM WED 3C5EC
J CHARITHA SHREE  Roll Number	1873° 24 <sup>4</sup> 355° 4 <sup>1</sup> 81 560 <sup>4</sup>
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Title CALLETT	SSEDAA JUBP3CS LOAA KU 273CSEU LAKUBPS CSELAN
MATHS TEST COLD	LIBY35 SEDAAL IBY3CSE ANALUE 3CSEDA LIBY35
Description SEDAR HAR	CSEL ON WIRISCRED WAY WAS SELD WAY WIRISCRED
decides to do a question which needs her to	is underprepared. She has to do at least one question correctly to pass the test. He of find the smallest prime number which is larger than a given integer N. Your task is ing the smallest prime number larger than N.
Input Format:	No.
input1: An integer value N  Output Format:	· 4
Output Format:  Return an integer value representing the sm	allest prime number larger than N.
Sample Input	
Sample Input  6	A KUR <sup>125</sup>
Sample Output	
Sample Output  7	Septoh
Source Code:  Source Code:  SEONALUB 2305 EDAA KUNT SEEDAA KUR 2305 EDA	AM KUBI 323C5EDAM NA KUB23CC LUB23C5ECO KOM KUB2
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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 %
```