51 ^M O 387. 051 ^M NO 38R23 051 ^M 051 ^M 38	STUDENT REPORT	1 ⁰ 38)	31AO 38R133U 273C51AO
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Name Name SEEMA	STUDENT REPORT	230 38R23C51A0 38R23C	38R ² 3 ^{C5} 1 ^M 3ER ² 3 ^C
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Title MATHS TEST Description ARABA STANDARD S	51A03BR13C51A03BR13C51A03BR13C51A03BR	13C51A03BR13C51A03BR13C51A03V	3403651A038R23C51A0
Description ARP 3 CO. 10 St. 1	3551A038b 38223C51A	14038R233	38R23C51k
Alice has a mathematics test for which she is decides to do a question which needs her to to find and return an integer value representing Input Format:	s underprepared. She has to do at lea find the smallest prime number whicl	st one question correctly to pas n is larger than a given integer N	s the test. He
input1: An integer value N Output Format: Return an integer value representing the sma	llest prime number larger than N.		23051 AC
Sample Input 6			and self
Sample Output 7	Δ.V. (D-	O.Y. A.M.	a Renaci
Source Code: 34R23C51A034	22 ²³ C51 ¹ 23C51 ^{AO} 38R2 ³ C51 ^{AO}	32 CS 1 NO 3 BER 2 CS 1 NO 3 B	AND 3HEAD CELLO S
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38R ²³ C5 ¹ MO 38R ²³ C5 ² MO 38R ²³	22 ³ C51 ^{AO} 3H2 ²³ AO 3H2 ³ C51 ^{AO} 3H	3HELIZOSII	A STAN BUT - A STAN BUT A STAN BU
38R ² 38R ² 3CS 1AO 3V	51A03BR23C51A03BR23C51A03BR23	BACE CAN BY	Sept Helphan Control of the Control

```
import math
         def is_prime(num):
             if num <= 1:
                return False
             if num == 2:
                return True
             if num % 2 == 0:
                return False
             for i in range(3, int(math.sqrt(num)) + 1, 2):
                 if num % i == 0:
                     return False
             return True
         def next_prime(N):
             candidate = N + 1
             while True:
                 if is_prime(candidate):
                     return candidate
                 candidate += 1
         # Input reading
         N = int(input())
         result = next_prime(N)
         print(result)
     RESULT
5 / 5 Test Cases Passed | 100 %
```