3 Maria	STUDENT REPORT	240540A-1 104-127812AU 2240540A
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Title MATHS	MENT 22812ADSA	22812ADSAQAT 22812ADSAQAT 22812ADSAQAT 225
Alice decid to fine	has a mathematics test for which she is underprepared. She has to do at least one question of es to do a question which needs her to find the smallest prime number which is larger than a did and return an integer value representing the smallest prime number larger than N.	correctly to pass the test. He
	Format:	,5°
input Output	1: An integer value N	8
Outpu	ut Format:	,22812AS
Retur	n an integer value representing the smallest prime number larger than N.	
Samp 6	lle Input	X N'
, 6		ADS ADA.
Samp	ole Output	, x
Samp		812
Source	Code: 2287ADS 2004. The Code of the Code o	A. J. J. J. B. J. W. J. W. S. W. L. J. J. L. J. J. L. J. L. J. J. J. L. J. J. J. L. J. J. J. L. J.
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	27812ADSA	AR WEST BY BY BOOK OF THE WASTER

```
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 %
```