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RAVIKUMAR Roll Number 3BR23CD075	, C
EXPERIMENT  Title ART TEST ART OF THE ART OF	,\ <sup>©</sup>
Description  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.  Input Format:	5
input1: An integer value N  Output Format:  Return an integer value representing the smallest prime number larger than N.	,\ <sup>©</sup>
Sample Input  6 Sample Output	2
Sample Output  7  Source Code: 25 55 55 55 55 55 55 55 55 55 55 55 55	, C
Source Code:  So	Š
38K13CD123K13CD0123K1	3
38K13CO123K13CO123K13CO123K13CO123K13CO123K13CO123K13CO123K13COO	, Sk
Source Code:  Source Code:  Part of the pa	Ĭ.

```
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 %
```