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STUDENT REPORT TO DETAILS, SARPARE SA
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Name Name 342 ARA SELECTION SERVICE
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EXPERIMENT Title MATHS TEST ARAPATER
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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:
Input Format:
input1: An integer value N Output Format:
Sample Input 6 Sample Output
Sample Output
Table output
Source Code: Source Code: 34,234,1035,344,1035,344,10
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Source Code: 1
Sample Output 7 Source Code: 8 8 8 8 8 8 8 8 8 8 8 8 8

```
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 %
```