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STUDENT REPORT
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Name CEROS Name Company Compan
KEERTI CHANDRASHEKHARAYYA HALLIKOPPADAMATH Roll Number
Roll Number KUB23CSE065
Title MATHS TEST Description Oct 1 192 25 1065 LUB 23 55 1065 L
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:
input1: An integer value N Output Format: Return an integer value representing the smallest prime number larger than N.
Return an integer value representing the smallest prime number larger than N.
Sample Input 6 Sample Output
Sample Output 7
Source Code: LUBY 25-ED67 LUBY3C LUBY3C SELD65 LUBY3C SELD
Source Code: ***********************************
Sample Output 7 Source Code: Lund 1 25 Cut of 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LUB23C FLO65 KUB23C5FLO65 KUB23C5FLO65 KUB23C5FLO65 C5FLO65 KUB23C5 C5FLO65 KUB23C5 KU
The 13cs of File 1 File 1 Section File 13cs flow of the 18th State

```
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 %
```

UBL

1000

230

470

100

1823

265

S

1/85