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| STUDENT REPORT | 38k23CD063 |
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| BR23CD063 EXPERIMENT Title MATHS TEST Description Alice because the section of the base of the ba | 38R23CD063 38R23CD063 38R23CD063 38R23CD063 38R23CD063 38R23CD063 38R23CD063 38R23CD063 |
| Alice has a mathematics test for which she is underprepared. She has to do at least one questions decides to do a question which needs her to find the smallest prime number which is large to find and return an integer value representing the smallest prime number larger than N. Input Format: | er than a given integer N. Your task is |
| input1: An integer value N Output Format: Poture an integer value representing the smallest prime number larger than N | 3CD063 |
| Return an integer value representing the smallest prime number larger than N. Sample Input 6 | 563 3BR |
| Sample Output 7 | |
| Source Code: 3482.3CD63.3482.3CD65.3482.3CD | 38k23CD06338k23CD06338k23CD06333kk23CD06333k |
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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 %
```