5 / 5 Test Cases Passed | 100 %

BEZS

```
Roll Number

3BR23ECC
                                       import math
                                       def is_prime(num):
                                          if num <= 1:
                                             return False
                                          if num == 2:
                                             return True
                                          if num % 2 == 0:
                                             return False
                                          for i in range(3, int(math.sqrt(num)) + 1, 2):
                                             if num % i == 0:
                                                return False
                                          return True
                                       def next_prime(N):
                                          candidate = N + 1
                                          while True:
                                             if is_prime(candidate):
                                                return candidate
                                             candidate += 1
                                       # Input reading
                                       N = int(input())
                                       result = next_prime(N)
                                       print(result)
```

1 of 3 26-09-2024, 12:41 pm

2 of 3 26-09-2024, 12:41 pm

3 of 3 26-09-2024, 12:41 pm