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Source Code:

```
def is_prime(num):
   if num <= 1:
       return False
    if num <= 3:
       return True
   if num % 2 == 0 or num % 3 == 0:
       return False
   i = 5
   while i * i <= num:
        if num % i == 0 or num % (i + 2) == 0:
           return False
        i += 6
    return True
def find_smallest_prime_larger_than_n(n):
    candidate = n + 1
    while not is_prime(candidate):
        candidate += 1
    return candidate
n = int(input())
result = find_smallest_prime_larger_than_n(n)
print(result)
```

RESULT

5 / 5 Test Cases Passed | 100 %

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281

120

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