```
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

RESULT

Again to a again to
```