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STUDENT REPORT

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DETAILS

Name

PRIYANKA G

Roll Number

3BR23CD071

EXPERIMENT

Title

,01

MATHS TEST Description

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.

38R23CD0T1 3BR23CD0T1 3BR23CD0T1

Sample Input

6

Sample Output

7

38R23CD01138R23CD01138R23CD011 38R23CD0113BR23CD011

38R23CD011 38R22CD011 38R23CD011 38R23CD011 38R22CD011 38R22CD011 38R22CD011 38R22CD011 38R22CD011 38R22CD011 38R22CD011 38R22CD011 38R22CD011 38R23CD0T1 38R22CD0T1 https://practice.reinprep.com/student/get-report/93e27d28-7bd0-11ef-ae9a-0e411ed3c76bare and the state of t

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3BR23CD071-Maths Test
  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)
5 / 5 Test Cases Passed | 100 %
```

https://practice.reinprep.com/student/get-report/93e27d28-7bd0-11ef-ae9a-0e411ed3c76b