STUDENT REPORT  None  ***PERMENT**  ***Title  ***MATHS TEST  ***Description  Alice hoe a mothematics test for which who is underprepared. She hoe to do at least one question correctly to peas the test. He decides to do a question which reach her to find the smallest prime number which is lorger than a given integer N Your task is to find and return an integer value representing the smallest prime number forger than N.  **Output Format**  **Depart**: An integer value representing the smallest prime number forger than N.  **Sample Input**  **O  **Sample Dutput**  **Title  **Sample Dutput**  **Title  **Sample Dutput**  **Title  **Sample Dutput**  **Title	8° 0° 00°	Logo	38° 38°	^ <sup>™</sup> 33	50*
Roll Number  3BR23CD028  **EXPERIMENT**  Title  Boundary Companies of the second of the smallest prime number larger than N.  Input Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  Sample Input  6	28 3 Sept	STUDENT RE	PORT SOL	3821	6,7028
Roll Number  3BR23CD028  **EXPERIMENT**  Title  Boundary Companies of the second of the smallest prime number larger than N.  Input Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  Sample Input  6	3000	30000		3000	38235
Roll Number  3BR23CD028  **EXPERIMENT**  Title  Boundary Companies of the second of the smallest prime number larger than N.  Input Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  Sample Input  6	DETAILS & STORY	382	5002°	38 <sup>R</sup>	28
Roll Number  3BR23CD028  **EXPERIMENT**  Title  Boundary Companies of the second of the smallest prime number larger than N.  Input Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  Sample Input  6	382730	2800° 2800° 280	2000	382735	22°
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BEXPERIMENT  Title  MATHS TEST  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:  Return an integer value representing the smallest prime number larger than N.  Sample Input  6	Roll Number				
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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:  Input 1: An integer value N  Output Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  6	Bell's acro-	38275	3CD0 BE13	3,00	COOL
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:  Input 1: An integer value N  Output Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  6	EXPERIMENT	2300	3822	38R2	2028
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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:  Input 1: An integer value N  Output Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  6	MATHS TEST	23CDO*	23500	38223	2003
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Input Format:  Input 1: An integer value N  Output Format:  Return an integer value representing the smallest prime number larger than N.  Sample Input  6	Alice has a mathematics test for	ich she is underprepared. She has to	do at least one question corr	rectly to pass the test. He	200
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Return an integer value representing the smallest prime number larger than N.  Sample Input  6	Output Format:				028
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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 %
```