	Log			
Name  Name  HANUMANTHA B K	STUDENT I	REPORT 38221C505038E2	15038R21505038R21505038R215050	2822
3827	5827(5050) 38R21(5050) 38R21(5050)	38K. 1000	5038R2715050 38R2715050	
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	(6			
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3BR21CS050	30	384 550	7C2 8857	7
EXPERIMENT?	382105	(5050) 22/50	3822	,
So Title So Speri	305030	3822	ACSOSO 28R2AC	388
MATHS TEST	\$827° 05038E	2038R	50503	
Title  MATHS TEST  Description	5038 38R21C5050 38R21C5050 38R21C5050	38R21 (5050 38R21 (5050 38R21 (5050 38R2	orrectly to pass the test. He	22,00
Alice has a mathematics test f	for which she is underprepared. She h ch needs her to find the smallest prim	as to do at least one question co	orrectly to pass the test. He	
	value representing the smallest prime	_	given integer 14. Tour task is	050
Input Format:			227	
input1: An integer value N				
input1: An integer value N  Output Format:		d N	.go <sup>t</sup>	3038
Return an integer value repres	senting the smallest prime number la	rger than N.	.50	
Sample Input  6				(
0				2
Sample Output			200	282°
Sample Output				322
Sample Output	88 <sup>2</sup> 2. 50'3.	50' 222		Soc. Coo.
Sample Output	38R2 38R2 3827	(50° 38P2) - 21(50°	99.30° 38.22° 050.38.22°	(50°
Sample Output	3050 38R2 1 (5050 3)	38271505038R27505	3036 38k2 1C505 38k2 1	R. S.
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Sample Output	38R21C50f0 38R21C50f0 38R21C50f0 38R21C50	C50' 38R21C5050 38R21C5050 38R21C5050 35	38 21 C 50 50 38 22 1 C 50 50 50 50 50 50 50 50 50 50 50 50 50	
Sample Output	38R21C5050 38R21C50050 38R21C5000000000000000000000000000000000000	(50°) 38R2 15050 38R2 15050 38R2 15050 3	O 3 TO SHEAL COST OF SHEAL COS	
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Sample Output	38R21C5050 38R21C50500 38R21C50500 38R21C50500 38R21C50500 38R21C5050000 38R21C5000000000000000000000000000000000000	(50°) 3822 (5050 500 500 500 500 500 500 500 500 5	Service of the later of the lat	
Sample Output	338R21C5050 38R21C5050	(50°) 38R2 15050 38R2	ON THE TOTAL STATE OF THE TOTAL	
Sample Output	38R21C5050	CSO, SERVICEO O SERVICEO DO SE		

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n=int(input())
    c=n+1
    while True:
        i_p=True
        if c<=1:
            i_p=Fals
        elif c<=3:
           i_p=True
        elif c%2==0 or c%3==0:
            i_p=False
        else:
            i=5
            while (i*i)<=c:
                if c%i==0 or c%(i+2)==0:
                    i_p=False
                    break
                i+=6
        if i_p:
            print(c)
            break
RESULT
  5 / 5 Test Cases Passed | 100 %
```