'''

In the context of linguistic harmony, we define a "harmonious string" as a string where every alphabet it contains appears both in uppercase and lowercase forms. For instance, a string like "pqQpP" is harmonious because it has both 'P' and 'p' as well as 'Q' and 'q'. Conversely, a string like "pqP" is not harmonious as it fails to meet this condition, with 'q' present while 'Q' is absent.

Your are given a string S, your task is to return the longest harmonious substring in S.

If there are multiple answers meeting this criterion, you should return the one that appears

earliest in the string. If there is no harmonious substring, you should return an empty string.

Input Format:

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A string S

Output Format:

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Prin the longest harmonious string.

Sample Input:

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QcvcCcq

Sample Output:

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cCc

Sample Input:

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pqrs

Sample Output:

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""

Write your python code below.

'''

n=input()

def isharmonic(s):

for i in s:

if(i.upper() in s )and (i.lower() in s):

continue;

else:

return False

return True

def fun(s):

l=0

sss=""

for i in range(0,len(s)):

for j in range(i+1,len(s)+1):

ss=s[i:j]

if(isharmonic(ss)):

if(len(ss)>l):

sss=ss

l=len(sss)

return sss

print(fun(n),end="")

You are provided with a string composed of binary digits, and

your task is to write a method that calculates the count of set bits within it.

Constraint:

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String length is <=150.

Input Format:

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A string, consists of 0's and 1's.

Output Format:

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Print an integer result.

Sample Input:

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01001100001111101101010101111000

Sample Output:

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17

Sample Input:

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11110010111011011011011111100110

Sample Output:

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22

Factorial of N means, Product first N natural numbers.

e.g., N= 1 \* 2 \* 3 \* ... \* N.

You are given an integer N, Your task is to find out the number of 0's

at the end of the factorial value of N.

for example : N =5 => Factorial of 5 is 120.

0' s at the end of 120 are 1.

Constraint : 1<= N <= 10000

Input Format:

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An integer N

Output Format:

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Print an integer, number of 0's at the end.

Sample Input-1:

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5

Sample Output-1:

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1

Sample Input-2:

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4

Sample Output-2:

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0

import java.util.\*;

public class Main{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

System.out.println(fact(n));

}

static int num=0;

public static int fact(int n){

if(n<5){

return 0;

}

num=n/5+fact(n/5);

return num;

}

}