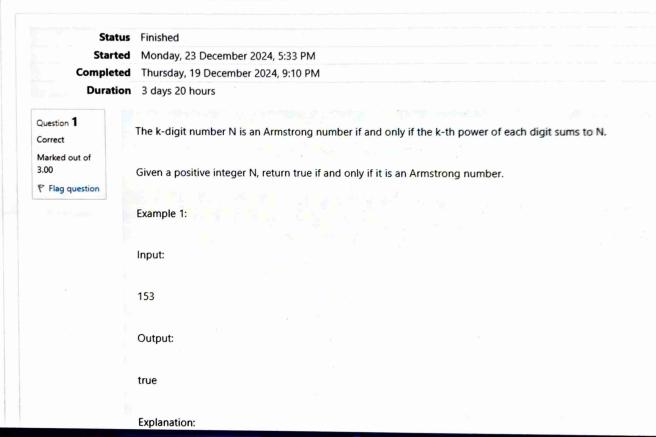
GE23131-Programming Using C-2024





REC-CIS		
	153 is a 3-digit number, and 153 = 1 ³ + 5 ³ + 3 ³ .	
	Example 2:	
	Input:	
	123	
	Output:	
	false	
	Explanation:	
	123 is a 3-digit number, and 123 != 1^3 + 2^3 + 3^3 = 36.	
	Example 3:	
₽ P	Input:	
And the second of the second of	1634	
	Output:	and the second of the second s

true

Note:

1 <= N <= 10^8

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
#include<math.h>
  3 * int main(){
          int n,r=0,sum=0,rem;
scanf("%d",&n);
int temp1=n,temp2=n;
while(temp1!=0){
  4
  5
 6
 7 ,
               temp1/=10;
  8
 9
               r++;
10
          while(temp2!=0){
11 .
               rem=temp2%10;
12
               sum+=pow(rem,r);
13
14
              temp2/=10;
15
          if(sum==n){
16
17
              printf("true");
18
          else{
19
              printf("false");
20
21
22
23 }
```

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Uncoming

A G

CANC

ı		Input	Expected	Got	
	~	153	true	true	~
	~	123	false	false	~

Passed all tests! <

Question 2

Marked out of 5.00

P Flag question

Take a number, reverse it and add it to the original number until the obtained number is a palindrome. Constraints 1<=num<=99999999 Sample Input 1 32 Sample Output 1 55 Sample Input 2 789 Sample Output 2 66066

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
  2 · int main(){
         int rn, n, nt=0, i=0;
         scanf("%d",&n);
  4
  5 .
         do{
            nt=n;rn=0;
 6
            while(n!=0)
 7
                rn=rn*10+n%10;
 9
                n=n/10;
10
11
12
            n=nt+rn;
13
14
            i++;
15
16
        while(rn!=nt||i==1);
17
        printf("%d",rn);
18
19
        return 0;
20 }
```

co=1;

break;

} nt=nt/10:

13

14

15

REC-CIS

```
REC-CIS
```

```
5
        while(i<e)
 6 +
 7
           nt=n;
           while(nt!=0)
 8
 9 .
10
               co=0;
              if(nt%10!=3&&nt%10!=4)
11
12 .
                  co=1;
13
14
                  break;
15
16
              nt=nt/10;
17
           if(co==0){
18 +
19
           i++;
20
21
          n++;
22
       printf("%d",--n);
23
24
       return 0;
25 }
```

	Input	Expected	Got	
~	34	33344	33344	~

Passed all tests! 🗸

1

Finish review