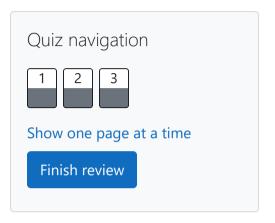
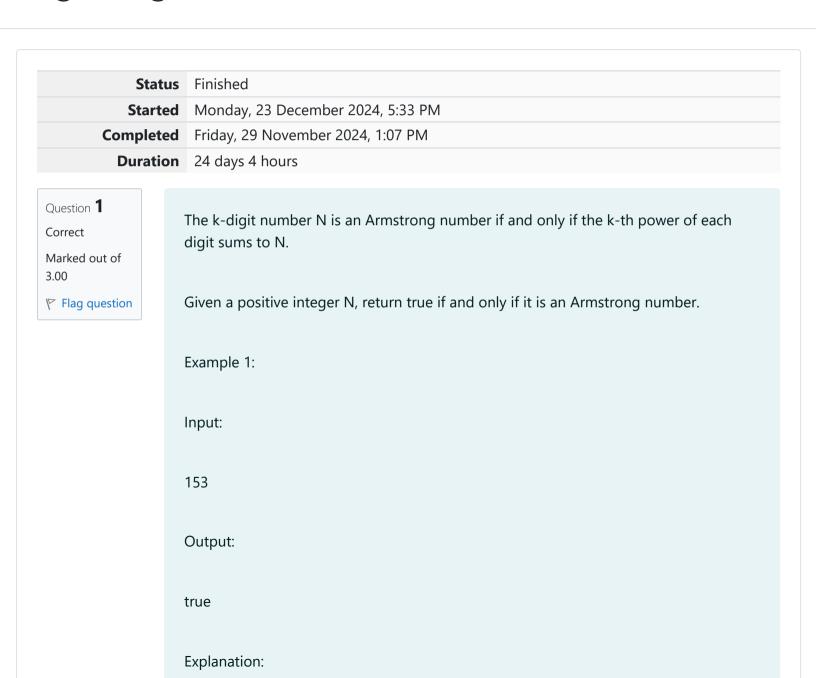
## GE23131-Programming Using C-2024





	Example 2:	
	Input:	
	123	
	Output:	
	false	
	Explanation:	
	123 is a 3-digit number, and 123 != 1^3 + 2^3 + 3^3 = 36.	
	Example 3:	
	Input:	
	1634	
	Output:	
	true	

```
1 <= N <= 10^8
Answer: (penalty regime: 0 %)
      #include<stdio.h>
      #include<math.h>
    2
      int main()
    4 ▼ {
           int n,temp,digit=0,rev,sum=0;
    5
           scanf("%d",&n);
    6
           temp=n;
    8 ,
           while(temp>0){
    9
               temp=temp/10;
               digit++;
  10
   11
   12
           temp=n;
           while(temp>0){
  13 🔻
   14
               rev=temp%10;
               sum=sum+pow(rev,digit);
  15
  16
               temp=temp/10;
   17
  18
       if(sum==n)
  19 🔻
           printf("true");
   20
   21
   22 🔻
      else{
           printf("false");
  23
   24
   25
```

	Input	Expected	Got	
<b>~</b>	153	true	true	~

Passed all tests! <

Question **2** 

Correct

Marked out of 5.00

Flag question

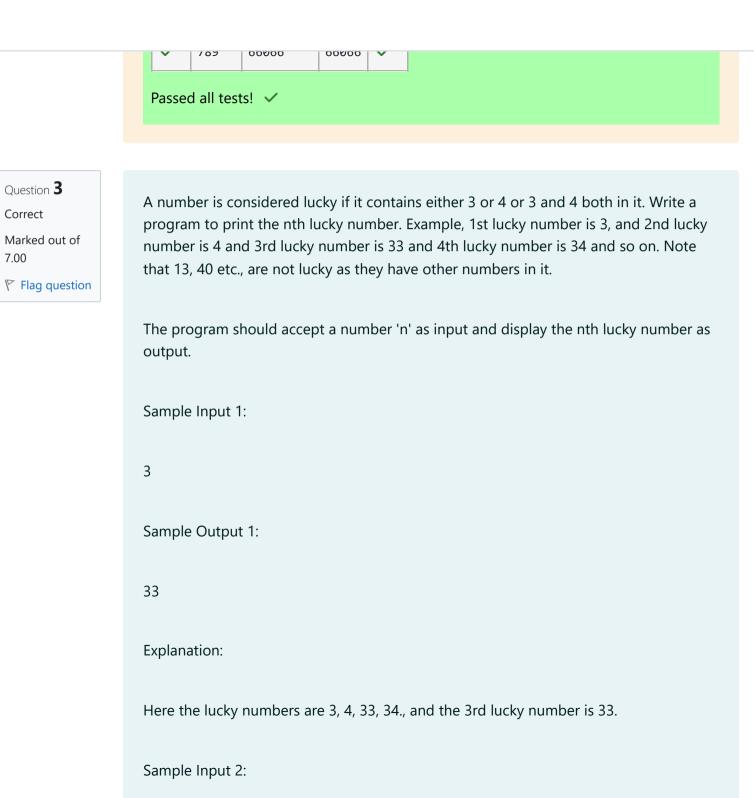
**Answer:** (penalty regime: 0 %)

```
#include<stdio.h>
    int main()
 2
3 ▼
        int nt=0,n,rn,i=0;
 4
        scanf("%d",&n);
 5
        do{
 6
 7
        nt=n;rn=0;
        while(n!=0)
 8
 9 1
            rn=rn*10+n%10;
10
            n=n/10;
11
12
13
        n=nt+rn;
        i++;
14
15
        while(rn!=nt||i==1);
16
17
            printf("%d",rn);
18
19
20
```

Input Expected Got

Correct

7.00



Sample Output 2:

33344

**Answer:** (penalty regime: 0 %)

```
#include<stdio.h>
    int main()
 2
 3 🔻
        int n=1,i=0,nt,co=0,e;
 4
        scanf("%d",&e);
 5
        while(i<e)</pre>
7 🔻
            nt=n;
 8
            while(nt!=0)
10
                 co=0;
11
12
                 if(nt%10!=3&&nt%10!=4)
13 🔻
14
                     co=1;
15
                     break;
16
                 nt=nt/10;
17
18
            if(co==0)
19
20 🔻
21
                 i++;
22
23
            n++;
24
```

