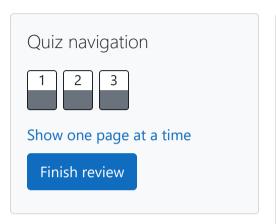
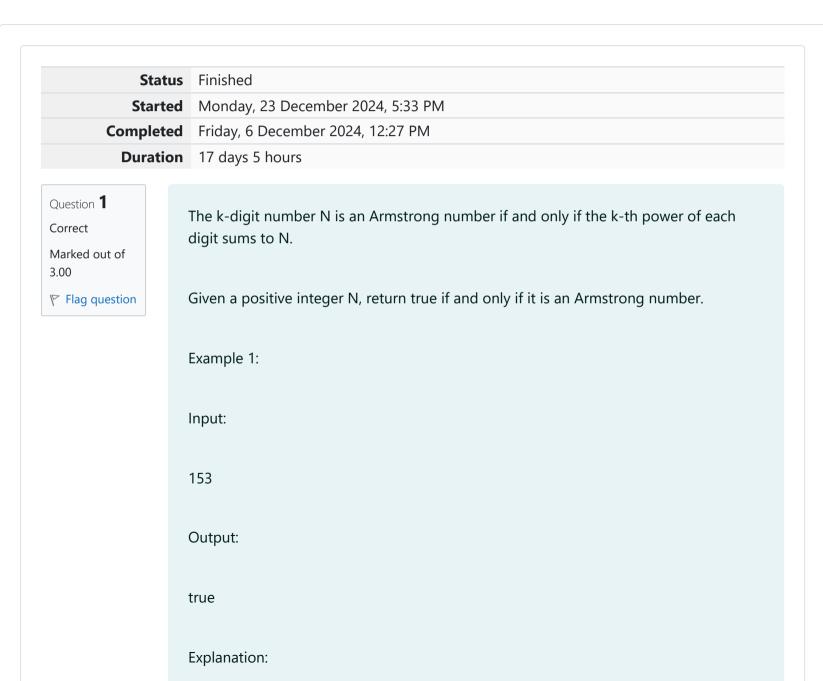
## GE23131-Programming Using C-2024





	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 %)

```
1 #include<stdio.h>
 2 #include<math.h>
 3 v int main(){
 4
        int n,temp,rem,digit=0,sum=0;
        scanf("%d",&n);
 5
        temp=n;
 6
 7 🔻
        while(temp>0){
            temp=temp/10;
 8
 9
            digit++;
10
11
        temp=n;
        while(temp>0){
12 🔻
13
            rem=temp%10;
14
            sum=sum+pow(rem,digit);
15
            temp=temp/10;
16
17 🔻
        if (sum==n){
            printf("true");
18
19
        else{
20 ▼
            printf("false");
21
22
23
        return 0;
24 }
```

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

Passed all tests! <

Question **2** 

Correct

Marked out of 5.00

Flag question

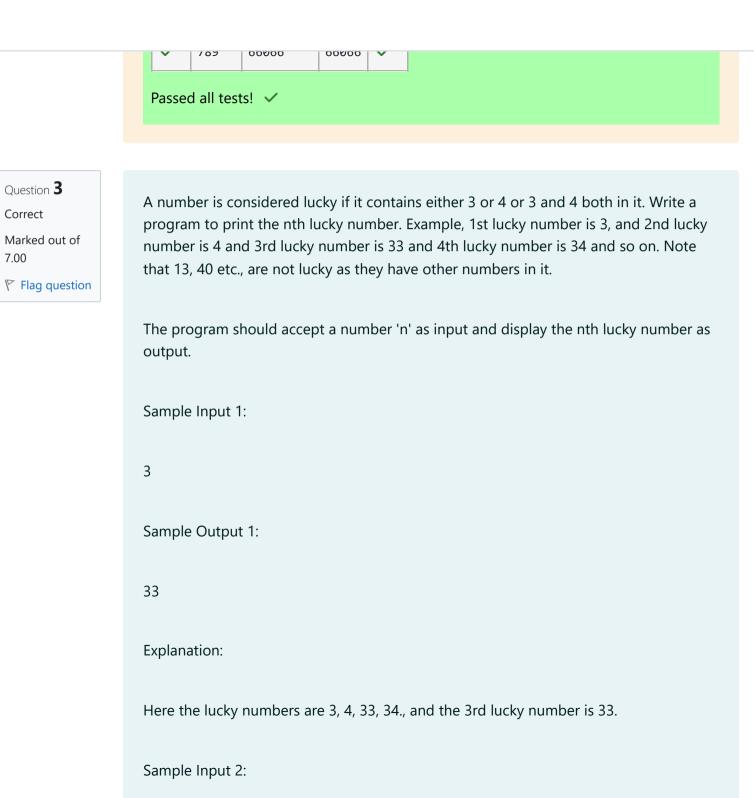
**Answer:** (penalty regime: 0 %)

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

Input Expected Got

Correct

7.00



Sample Output 2:

33344

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

```
1 #include<stdio.h>
2 v int main(){
        int n=1,i=0,nt,co=0,e;
3
        scanf("%d",&e);
 4
5 ▼
        while(i<e){</pre>
        nt=n;
 6
7 🔻
        while(nt!=0){
            co=0;
 8
9 ▼
            if(nt%10!=3 && nt%10!=4){
10
                co=1;
                break;}
11
12
                nt=nt/10;}
13
14 🔻
                if(co==0){
15
                    i++;
16
17
                n++;
18
19
            printf("%d",--n);
20
            return 0;
21
22
```

