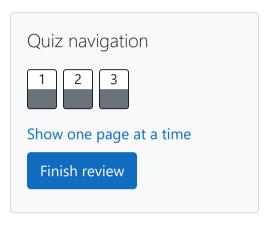
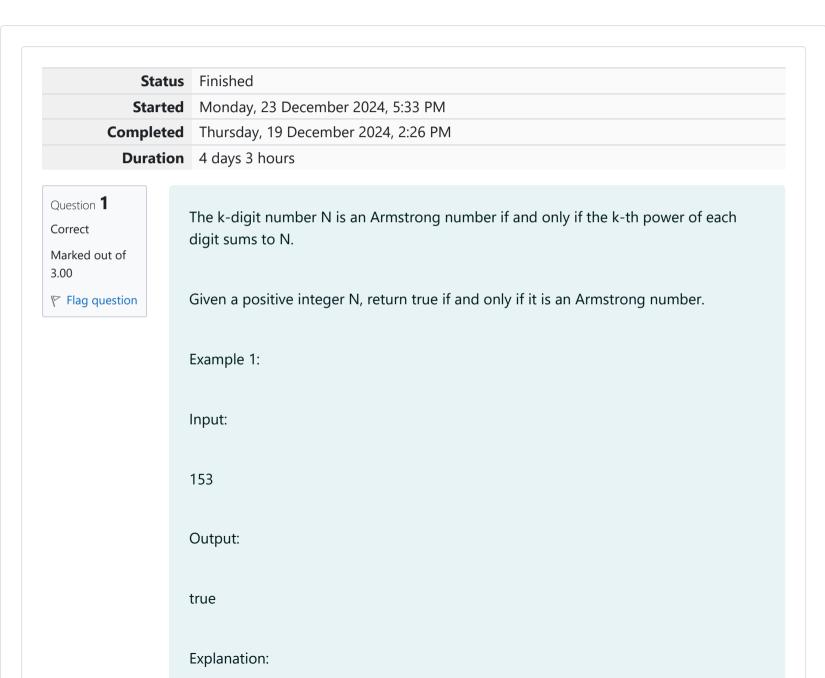
GE23131-Programming Using C-2024





	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
    3 v int main(){
    4
           int n;
           scanf("%d",&n);
    5
           int x=0,n2=n;
   7 🔻
           while(n2!=0){
    8
               x++;
    9
               n2=n2/10;
  10
           int sum=0;
  11
           int n3=n,n4;
  12
  13 🔻
           while(n3!=0){
  14
               n4=n3%10;
  15
               sum+=pow(n4,x);
  16
               n3/=10;
  17
  18 🔻
           if(n==sum){
               printf("true");
   19
   20
           else{
   21 •
               printf("false");
   22
   23
   24
           return 0;
  25
```

	Input	Expected	Got	
~	153	true	true	~

Passed all tests! <

Question **2**

Correct

Marked out of 5.00

Flag question

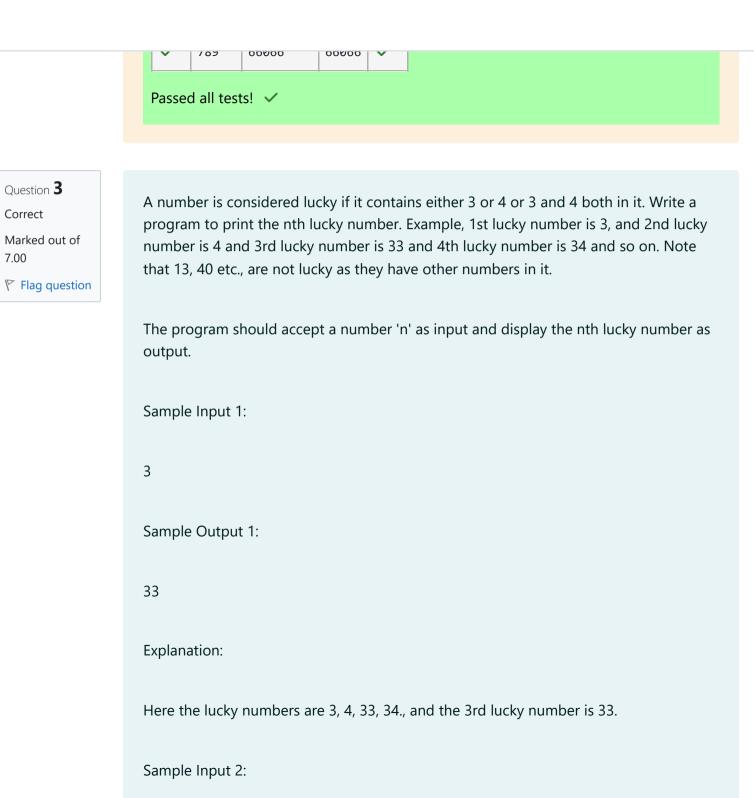
Answer: (penalty regime: 0 %)

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

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

