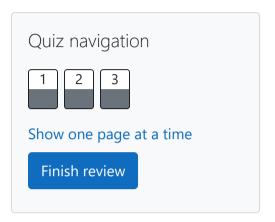
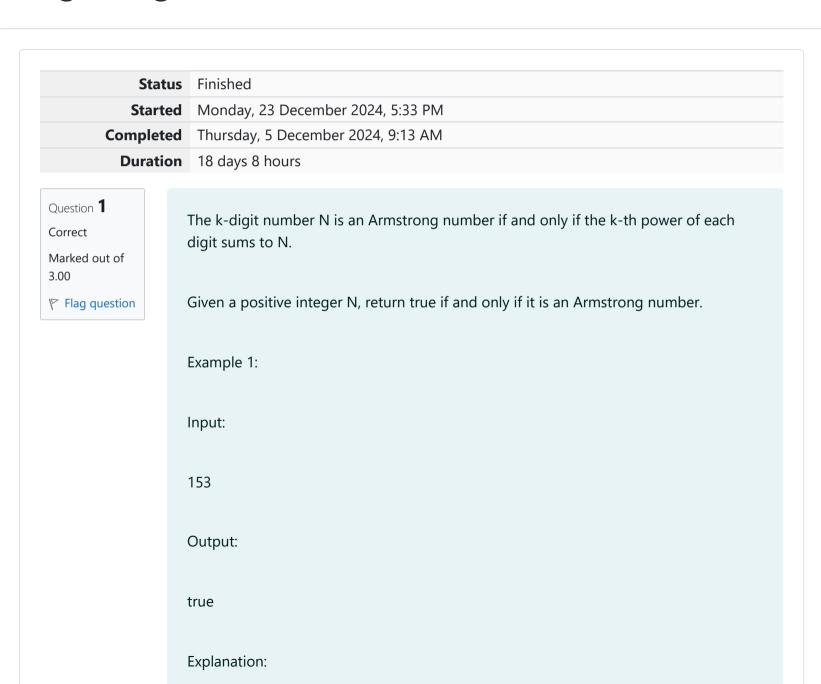
GE23131-Programming Using C-2024





	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 x,t1,t2,t3,y=0,sum=0;
    5
           scanf("%d",&x);
          t1=x;
    7
           while(t1!=0)
    8
   9 1
  10
               y++;
   11
               t1/=10;
   12
   13
           t2=x;
   14
           while(t2!=0)
  15 🔻
               t3=t2%10;
  16
   17
               sum=sum+pow(t3,y);
   18
               t2/=10;
   19
           if(x==sum)
   20
   21
           printf("true");
           else
   22
           printf("false");
   23
   24
           return 0;
  25 }
```

	Input	Expected	Got	
~	153	true	true	~

Passed all tests! <

Question **2**

Correct

Marked out of 5.00

Flag question

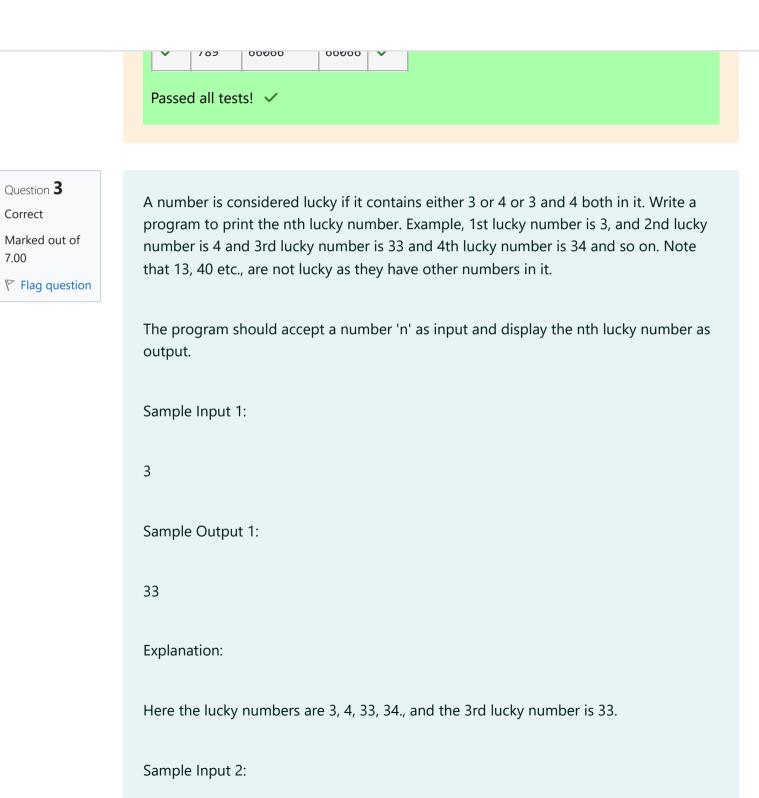
Answer: (penalty regime: 0 %)

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

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

