```c
#include<stdio.h>
#include<math.h>
int main()
{
    int n;
    scanf("%d",&n);
    int x=0,n2=n;
    while(n2!=0)
    {
        x++;
        n2=n2/10;

    }
    int sum=0;
    int n3=n,n4;
    while(n3!=0)
    {
        n4=n3%10;
        sum = sum+pow(n4,x);
        n3=n3/10;

    }
    if (n==sum)
    {
        printf("true");
    }
    else
    {
        printf("false");

    }
    return 0;
}
```

	Input	Expected	Got	
✓	153	true	true	✓
✓	123	false	false	✓

```c
#include<stdio.h>
int main()
{
    int rn, n,nt=0,i=0;
    scanf("%d",&n);
    do{
        nt=n;rn=0;
        while(n!=0)
        {
            rn=rn*10 + n%10;
            n=n/10;

        }
        n=nt+rn;
        i++;

    }
    while(rn!=nt || i==1);
    printf("%d",rn);
    return 0;
}
```

	Input	Expected	Got	
✓	32	55	55	✓
✓	789	66066	66066	✓

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int n=1,i=0,nt,co=0,e;
    scanf("%d",&e);
    while(i<e)
    {
        nt=n;
        while(nt!=0)
        {
            co=0;
            if(nt%10!=3 && nt%10!=4)
            {
                co=1;
                break;

            }
            nt=nt/10;
        }
        if(co==0)
        {
            i++;
        }
        n++;
    }
    printf("%d",--n);
    return 0;
}
```

	Input	Expected	Got	
✓	34	33344	33344	✓

Passed all tests! ✓