

In [17]:

```
n=int(input("enter a number"))
sum=0
num=n
while(n!=0):
    r=n%10
    sum=sum*10+r
    n=n//10
if(num==sum):
    print(num,'is palindrome')
else:
    print(num,'is not palindrome')
```

enter a number151
151 is palindrome

In [18]:

```
n=int(input("enter a number"))
sum=0
num=n
while(n!=0):
    r=n%10
    sum=sum+r**3
    n=n//10
if(num==sum):
    print(num,'is armstrong')
else:
    print(num,'is not armstrong')
```

enter a number153
153 is armstrong

In []:

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