Reverse an integer

```python
#with type casting

def rev(num): #293
    r = str(num) #'293'
    return r[::-1]

rev(293)

'392'

#without typecasting
def reverse(num): #392
    result=0
    while num!=0:    #392!=0              #39!=0    #3!
        rem=num%10    #2                   #9         #3
        result=result*10+rem    #2    #29        #29*10+3
        num=num//10               #39  #9          #0
    return result


rev(392)

'293'
```

Palindrome

```python
def palindrome(num):
    N =num #N=392
    rev=0
    while N!=0:
        rem=N%10
        rev=rev*10+rem
        N=N//10
    return num==rev


palindrome(121)

True
```