Revrese an Integer

In [12]:
```
# a=[1,2,3,4,5]
# def rev_integer(p):
#     i=len(p)-1
#     ans=[]
#     while i >=0:
#         ans.append(p[i])
#         i-=1
#     print(ans)
# rev_integer(a)
```

In [14]:
```
a=12345
def rev_integer(p):
    p=str(p)
    print(p[::-1])
rev_integer(a)
```

```
54321
```

In [26]:
```
def rev_num(num):
    result=0
    while num!=0:
        rem=num%10 #last digit
        result=(result*10)+rem #x10+remainder (0*10+5)
        num=num//10
    return result
```

In [29]:
```
rev_num(12345)
```

Out[29]:
```
54321
```

Plindrome

In [32]:
```
def pali(n):
    number=n
    result=0
    while n!=0:
        rem=n%10 #last digit
        result=(result*10)+rem #x10+remainder (0*10+5)
        n=n//10
    if result==number:
        print("Palindrome")
    else:
        print("Not Palindrome")
```

In [38]:
```
pali(99199199)
```

```
Palindrome
```

In [39]:
```
0-1999
```

Out[39]:
```
-1999
```

In [81]:
```
def res(x):
    """
    :type x: int
    :rtype: int
    """
    if x<0:
        sign=-1
    else:
        sign=1
    result=0
    x=abs(x)
    while x!=0:
        rem=x%10 #last digit
        result=(result*10)+rem
        x=x//10
        if result < -2**31 or result > 2**31-1:
            return 0
    return result*sign
```

In [82]:
```
res(-123)
```

Out[82]:
```
-321
```

In [ ]:
```

```