

Reverse an integer

```
def reverse_integer(n):  
    sign = -1 if n < 0 else 1  
    return sign * int(str(abs(n))[::-1])  
print(reverse_integer(123))  
print(reverse_integer(-456))
```

321
-654

```
#without typecasting  
def reverse(num):  
    result=0  
    while num!=0:  
        rem =num%10  
        result = result*10 +rem  
        num = num//10  
    return result  
print(reverse(912))
```

219

```
#without typecasting Palindrome  
def palindrome(num):  
    original = num  
    result=0  
    while num!=0:  
        rem =num%10  
        result = result*10 +rem  
        num = num//10  
    return original == num  
print(palindrome(132))  
False
```