##palindrome

def palindrome(n):

rev = 0

temp = n

while n > 0:

rem = n % 10

rev = rev \* 10 + rem

n //= 10

print(rev)

if (temp == rev):

print("Palindrome")

else:

print("Not a palindrome")

x=eval(input('Enter: '))

palindrome(x)

Output:

Enter: 121

121

Palindrome

##sum of a given number

Input:

def sum(n):

count = 0

while n > 0:

rem = n % 10

count += rem

n = n // 10

return count

l=int(input('Enter the number: '))

print(sum(l))

Output:

Enter the number: 123

6

##Reverse of a given number

def reverse(n):

rev=0

count=0

while n>0:

rem = n % 10

count += rem

rev = rev \* 10 + rem

n = n // 10

return rev

x=int(input("Enter a number to reverse: "))

print(reverse(x))

output:

Enter a number to reverse: 123

321