

In [1]: *#python program to find largest of three numbers*

```
a=3
b=2
c=1
if a>b and a>c:
    print('largest number is a')
elif b>a and b>c:
    print('largest number is b')
else:
    print('largest number is c')
```

largest number is a

In [4]: *#Write a Python program to reverse a string*

```
def reverse(string):
    if len(string) == 0:
        return string
    else:
        return reverse(string[1:]) + string[0]
a = str(input("Enter the string to be reversed: "))
print(reverse(a))
```

Enter the string to be reversed: man  
nam

In [7]: *#Write a Python function to check whether the number is prime or not*

```
number = int(input("Enter any number: "))
if number > 1:
    for i in range(2, number):
        if (number % i) == 0:
            print(number, "is not a prime number")
            break
    else:
        print(number, "is a prime number")
else:
    print(number, "is not a prime number")
```

```
Enter any number: 7
7 is a prime number
```

```
In [1]: #Use try, except, else and finally block to check whether the number is
        palindrome or not.(Raise error when input is not proper).
num = input('Enter any number : ')
try:
    val = int(num)
    if num == str(num)[::-1]:
        print('The given number is PALINDROME')
    else:
        print('The given number is NOT a palindrome')
except ValueError:
    print("That's not a valid number, Try Again !")
```

```
Enter any number : 543
The given number is NOT a palindrome
```

```
In [9]: #Write a python function to find sum of squares of first n natural num
        bers.
def sqsum(n) :
    sm = 0
    for i in range(1, n+1) :
        sm = sm + pow(i,2)
    return sm
n = 8
print(sqsum(n))
```

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