

Python function to find the Max of three numbers

```
def max_of_three(x,y,z):  
    if (x >= y) and (x >= z):  
        max = x  
    elif (y >= x) and (y >= z):  
        max = y  
    else:  
        max = z  
    return max
```

```
x=int(input("enter the value of x:"))  
y=int(input("enter the value of y:"))  
z=int(input("enter the value of z:"))  
print(max_of_three( x, y, z))
```

#Python program to reverse a string

```
num=input("Enter any string:")  
x=num[::-1]  
print("The reversed string is",x)
```

#Python function to check whether the number is prime or not

```
def test_prime(n):  
    if (n==1):  
        return False  
    elif (n==2):  
        return True;  
    else:
```

```
    for i in range(2,n):
        if(n % i==0):
            return False
    return True
x=int(input("enter a number:"))
print(test_prime(x))
```

```
#Use try, except, else and finally block to check whether the number is palindrome or not
num=input("enter any number:")
try:
    x=int(num)
    if(num==num[::-1]):
        print("given number is palindrome")
    else:
        print("given number is not palindrome")
except:
    print("invalid number")
finally:
    print("end of the program")
```

```
# python function to find sum of squares of first n natural numbers
def sum_of_squ(n):
    sum=0
    for i in range(1,n+1):
        sum=sum+(i*i)
```

```
        return sum
n=int(input("enter the value of n:"))
print(sum_of_squ(n))
```