

#python program to find the max number #among the three numbers

```
def max( a, b, c ):
```

```
    if( a > b ) and ( a > c ):
```

```
        max = a
```

```
    elif( b > a ) and ( b > c ):
```

```
        max = b
```

```
    else:
```

```
        max = c
```

```
    return max
```

```
a = 10
```

```
b = 14
```

```
c = 12
```

```
print(max( a, b, c ))
```

#python program to reverse string

```
def my_function(x):
```

```
    return x[ : - 1]
```

```
mytxt = my_function("I am GITAM student")
```

```
print(mytxt)
```

```
#to check whether a number is prime or not using if-else
```

```
c=0
```

```
x=int(input("enter the number:"))
```

```
z=x
```

```
for i in range(2,x):
```

```
    y=x%2
```

```
    if(y==0):
```

```
        c=c+1
```

```
if(c>0):
```

```
    print(z,"is not a prime number")
```

```
else:
```

```
    print(z,"is a prime number")
```

```
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")
```

#python program to find sum of square of first n natural numbers

```
def Squaresum(n):  
    return(n*(n+1)*(2*n+1))//6
```

n = 4

```
print(Squaresum(n))
```