Max of three numbers

```
def maximum(a, b, c):
 if (a >= b) and (a >= c):
    largest = a
 elif (b >= a) and (b >= c):
    largest = b
 else:
    largest = c
 return largest
a =int(input("Enter a number:"))
b =int(input("Enter a number:"))
c =int(input("Enter a number:"))
print(maximum(a, b, c))
```

```
Enter a number:5
Enter a number:6
Enter a number:7
7
```

Reverse a string

```
def reverse(s):
  str = ""
  for i in s:
    str = i + str
  return str
s =input("Enter a string:")
print ("The original string  is : ",end="")
print (s)
print ("The reversed string is : ",end="")
print (reverse(s))
```

```
Enter a string:welcome
The original string  is : welcome
The reversed string is : emoclew
```

Number of upper and lower case letters

```
def string_test(s):
    d = {"UPPER_CASE" : 0, "LOWER_CASE" : 0}
    for c in s:
        if c.isupper():
            d["UPPER_CASE"] += 1
        elif c.islower ():
            d["LOWER_CASE"] += 1
        else:
            pass
    print ("Original String : ", s)
    print ("No. of Uppercase characters : ", d["UPPER_CASE"])
```

```
    print ("No. of Lowercase characters : ", d["LOWER_CASE"])
string_test('PythonProgramminG')
```

```
 Original String :  PythonProgramminG
 No. of Uppercase characters :  3
 No. of Lowercase characters :  14
```

Unique elements of the list

```
def unique_list(l):
  num = []
  for a in l:
    if a not in num:
      num.append(a)
  return num
print('unique elements are')
print(unique_list([1,2,4,5,4,5,6,9,10]))
```

```
 unique elements are
 [1, 2, 4, 5, 6, 9, 10]
```

Passed string is palindrome or not.

```
def check(x) :
    if x[  -1 : - len(x) - 1  : -  1] == x:
        print ("String is a palindrome.")
    else :
        print ("String is not a palindrome ")

string = input ("Enter a String :- ")
check(string)
```

```
 Enter a String :- madam
 String is a palindrome.
```

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