In [1]:
```python
#Q1

def max_of_two(x,y):
    if x > y:
        return x
    return y
def max_of_three(x,y,z):
    return max_of_two(x,max_of_two(y,z))
print(max_of_three(2,5,-7))
```

5

In [2]:
```python
#Q2

def string_reverse(str1):

    rstr1 = ''
    index = len(str1)
    while index > 0:
        rstr1 += str1[ index - 1]
        index = index - 1
    return rstr1
print(string_reverse('123abcd'))
```

dcba321

In [4]:
```python
#Q3

def string_test(j):
    d={"UPPER_CASE":0 , "LOWER_CASE":0}
    for i in j:
        if  i.isupper():
            d["UPPER_CASE"]+=1
        elif i.islower():
            d["LOWER_CASE"]+=1
        else:
            pass
    print ('original string : ',j)
    print ('no. of upper case letters : ', d["UPPER_CASE"])
    print ('no. of lower case letters : ', d["LOWER_CASE"])

string_test('THE slow Brown Fox')
```

original string : THE slow Brown Fox
no. of upper case letters : 5
no. of lower case letters : 10

In [5]:
```python
#Q4

def unique_list(j):
    x= []
    for i in j :
        if i not in x :
            x.append(i)
    return x

print(unique_list([1,2,2,2,2,3,4,5]))
```

[1, 2, 3, 4, 5]

In [6]:
```python
#Q5

def isPalindrome(string):
    left_pos = 0
    right_pos = len(string) - 1

    while right_pos >= left_pos :
        if not string[left_pos] == string[right_pos]:
            return False
        left_pos += 1
        right_pos -= 1
    return True
print(isPalindrome('aja'))
```

True

In [ ]:
```python
JAYAPRADHA
191109019
```