ASSIGNMENT-6

```python
#1.
def maximum(a,b,c):
  if a>b and a>b:
    return a
  elif b>a and b>c:
    return b
  else:
    return c
a=int(input("Enter  1st number"))
b=int(input("Enter  2nd numbers"))
c=int(input("Enter  3rd numbers"))
print(maximum(a,b,c))
```

```
    Enter  1st number30
    Enter  2nd numbers40
    Enter  3rd numbers50
    50
```

```python
#2.
def reverse(s):
  str=""
  for i in s :
    str = i + str
  return str
s="Tap scanner"
print("The original string is : ",end="")
print(s)
print("The reversed string is: ",end="")
print(reverse(s))
```

```
    The original string is : Tap scanner
    The reversed string is: rennacs paT
```

```python
#3.
def up_low(string):
  string='Be Arranged In a Long Line'
  uppers = 0
  lowers = 0
  for char in string:
    if char .islower():
      lowers += 1
    elif char .isupper():
      uppers += 1
    else:
      pass
  return (uppers, lowers)
print(up_low(string))
```

```
    (5, 16)
```

```python
#4.
def function(list):
  a=set(list)
  print(sorted(a))
function([20,0,30,30,60,60,90,80,60,80])
```

```
    [0, 20, 30, 60, 80, 90]
```

```python
#5.
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("kayak"))
```

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