

ASSIGNMENT ON
LISTS, TUPLE & DICTIONARY

Q1. Give the output of the following code:-

```
list=['p','r','o','b','l','e','m']  
list[1:3]=[]  
print(list)  
list[2:5]=[]  
print(list)
```

Q2. Give the output of the following code:-

```
l1=[13,18,11,16,13,18,13]  
print(l1.index(18))  
print(l1.count(18))  
l1.append(l1.count(13))  
print(l1)
```

Q3. WAP in python to create a list of natural numbers from 1 to 50 using for loop.

Q4. WAP in python to take two lists of same size and create a third list of same size with adding elements at the same location of 1st & 2nd list. E.g. if A=[1,2,3], B= [4,5,6], then C[5,7,9].

Q5. WAP in Python to accept any ten numbers from the user in a list and display the maximum number along with its position.

Q6. WAP in Python to calculate & display the factorial of all elements of an integer list.

Q7. Predict the output of the following code in python:

```
T1=(1,)*3  
T1[0]=2  
Print(T1)
```

Q8. Predict the output of the following code in python:

```
TupleA='m','n'  
TupleB=('m','n')  
Print(TupleA==TupleB)
```

Q9. WAP in Python to create a phone dictionary for your ten friends and then print them in format:name of friend : mobile number

Q10. Predict the output of the following code in python:

```
Fruit ={ }  
  
L=['Orange','Apple','Grapes']  
  
For index in L:  
  
    If index in Fruit:  
        Fruit[index]+=1  
  
    else:  
        Fruit[index]=1  
  
print(len(Fruit))  
print(Fruit)
```