

Task 1 :- Python List Methods

In []:

```
mynames = ["Joe", "zoe", "world", "Brad", "Angilina","world", "Zuki", "Tom", "paris", "world"]
y = "USA" in mynames
print(y)
```

Task 2 :- Check count of word "world"

In []:

```
mynames = ["Joe", "zoe", "world", "Brad", "Angilina","world", "Zuki", "Tom", "paris", "world"]
y = mynames.count('world')
print(y)
```

Task 3 :- Count of even and odd nos

In []:

```
count = 0
count1 = 0
for num in range(1,30) :
    if(num%2==0) :
        print(num , end = " ")
        count = count + 1
    else :
        count1 = count1 + 1

print ("The no of Even numbers are :", count)
print ("The no of odd numbers are :", count1)
```

Task 4 :- Print first 5 even no

In []:

```
e1 = [ ]
dataset = list(range(1,30))
for num in dataset:
    if(num%2 ==0) :
        e1.append(num)
print(e1[0:5] , "\n")
```

Task 5 :- Print last 2 odd no

In []:

```
ell = [ ]
dataset = list(range(1,31))
for num in dataset:
    if(num%2 !=0) :
        ell.append(num)
print (ell[-2:30])
```

Task 7 :- Print Square of first and last element from list

In [22]:

```
count = 0
for first in range(1,11):
    first = first * first
    print(first, end = " ")
for second in range(30,41):
    second = second * second
    print (second , end = " ")
```

1 4 9 16 25 36 49 64 81 100 900 961 1024 1089 1156 1225 1296 1369 1444 1521
1600

Task 6 :- Print User- enter sting

In [1]:

```

x = [ ]
y = [ ]
for a in range(0,5):
    x.append(input("Enter value : "))
    print("string x : ",x)
    y.append (input ("enter value :"))
    print("string y :",y)
print ("string x :",x)
print ("string y :",y)

```

```

Enter value : 1
string x : ['1']
enter value :5
string y : ['5']
Enter value : 2
string x : ['1', '2']
enter value :6
string y : ['5', '6']
Enter value : 3
string x : ['1', '2', '3']
enter value :7
string y : ['5', '6', '7']
Enter value : 4
string x : ['1', '2', '3', '4']
enter value :8
string y : ['5', '6', '7', '8']
Enter value : 5
string x : ['1', '2', '3', '4', '5']
enter value :9
string y : ['5', '6', '7', '8', '9']
string x : ['1', '2', '3', '4', '5']
string y : ['5', '6', '7', '8', '9']

```

Task 8 :- Print Table

In [6]:

```

n = int(input("Enter table no :"))
for first in range(1,11):
    p = n*first
    print(n, "*",first , "=", p )

```

```

Enter table no :5
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50

```

