

ASSIGNMENTS on For Loop

Q1. Enter any 5 number in For Loop

```
-> For a in range (1,6):  
    user = int (input ("Enter number:"))
```

Q2. Display 1 to 10 using For Loop

```
-> for ain range (1,11):  
    Print(a)
```

Q3. Enter ODD Number between 20 to 48.

```
-> for asf in range (20,49):  
    if asf % 2 ==|:  
        print (asf)
```

Q4. Enter any number in for loop display Sum and average.

```
-> user = int (input ("Enter any Number: "))  
a = 1  
b = user  
for asf in range (a, user):  
    user = a + user  
    a+= 1  
avg = user/ b  
print ("Sum is:", user)  
print ("Avg is:", avg)
```

Q5. Create list of strings which contain name of people.

(a) Display list of each name.

```
->list = ["ast", "yurut", "Kalsum", "Animal"]  
for a in list:  
    l2 = [a]  
    print (2)
```

(b) Convert all the name into capital letter.

```
->list = ["asf" "yurut", "Kalsum", "animal"]  
for a in list:  
    print (a. upper ())
```

(c) Enter any-Name user find out that name is present in a list or not.

```
->list = ["asf" "yurut", "Kalsum", "animal"]  
User= input ("Enter any Name: ")  
flag = 0  
for a in list:  
    if user! =a:  
        flag=1  
        break  
if flag = 1:  
    print ("It is present")  
else:  
    print ("It is not present")
```

Q6. find out how many strings in list contains vowel

```
-> list = ["asf", "yusuf", "Amina"]
```

```
Vowel = "aeiou"
```

```
count = 0
```

```
for a in list:
```

```
    for b in vowel:
```

```
        if b in a:
```

```
            Count += 1
```

```
    print (a," =", count)
```

Q7. *

```
    * *
```

```
    * * *
```

```
-> for a in range (1,4):
```

```
    for b in range (1, a+ 1):
```

```
        print ("*", end = " ")
```

```
    print () note: for new line
```

Q8. *

```
    * *
```

```
    * * *
```

```
-> for a in range (1, 4):
```

```
    if a==1:
```

```
        print (end=" ")
```

Q9. 1 2 3

```
    4 5 6
```

```
    7 8 9
```

```
-> for a in (1,10):
```

```
    if a==3:
```

```
        print("\t")
```

```
    if a == 6:
```

```
        print ("\t").
```

Q10. 1 1 1

```
    2 2 2
```

```
    3 3 3
```

```
-> for a in range (1, 4):
```

```
    print (a, end = " ")
```

```
    Print (a, end = " ")
```

```
    Print (a, end = " ")
```

```
    print ("\t").
```

Q11. 1 2 3

1 2 3

1 2 3

->for a in range (1,4):

 For b in range:

 print (b, end = " ")

 print (a)
