# Conditional Printing

```
# -for multiple of 3: fizz
# -for multiple of 5: buzz
# for both : fizzbuzz.

for i in range(1,20):
    if i%3==0 and i%5==0:
        Print("FizzBuzz")
    elif i%5==0:
        Print("Buzz")
    Elif i%3==0
        Print("Fizz")
    Else:
        Print(" ",i)
```

output
```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
16
17
Fizz
19
```

Remove Consecutive Duplicate from List

```
List = [1,1,1,1,1,1,1,2,3,4,4,5,1,2]
i = 0
dope = False
while i < len(list)-1:
    if list[i] == list[i+1]:
        del list[i]
    elif dope:
        dope = True
        del list[i+1]
        dope = False
    else:
        i += 1
Print(list)
```

[2,3,5,1,2]

Unique Element in list:

```
lst = []
n = int(input("Enter number of Elements:"))
for i in range(0,n):
    Ele = int(input("Enter your Elements:"))
    lst.append(ele)

Print("your Previous list:",lst)

lst2 = []
for x in lst:
    if x not in lst2:
        lst2.append(x)

Print("your new list:", lst2)
```

Output:
Enter number of Elements : 4
Enter your Elements : 10
Enter your Elements : 5
Enter your Elements : 2
Your previous list : [10, 5, 2, 10]
your new list : [10, 5, 2]

functions to check number is in range.

```
def check():
    a = int(input(" Enter value to check : "))
    b = int(input(" Enter the minimum range : "))
    c = int(input(" Enter the max value : "))
    j = 0.

    for i in range(b, c+1)
        if (i==a)
            j=1
            break
    else:
        j=0
    if (j==1)
        print(" yes.. its in!")
    Else
        Print(" Nope its not!")
```

Output: Check()
Enter value to check 5
Enter the min range : 0
Enter the max range : 6
Yes.. its in!

Calculate number of upper and lower cases:

```
def CntC():
    S1 = input("Enter a string :")
    Count = 0
    Countu = 0
    for i in S1
        if (i. is lower ()):
            Count += 1
        elif (i. isupper ()):
            Countu += 1
        else:
            Pass
    Print (" The number of upper case are : ", Countu)
    Print (" The number of lower case are : ", Count).

Cnt()
enter a string : Str for U
```

The Number of upper cases are : 2
The number of lower cases are : 5