**Assignment-List**

stu=[0,1,2,3,4,5,6,7,8,9,10];

print(stu); #use list name in print

i=0;

while(i<=10):

print(stu[i]);

i+=1; #use loop to display each value from the list

print(stu[1:5]); #based on its index value -> specify starting & ending value

print(stu[1:5:2]); #use steeping process

print(stu[1:5:3]); #use steeping process -> step count 3

print(stu[::-1]); #list in reverse order

stu1=[11,12,13,14,15,16,17];

print(stu1);

stu1[2]=65; # updating the single value in the list

print(stu1);

stu1[2:4]=25,55; #updating the range of value in the list.

print(stu1);

stu1[5]=[25,85,95]; #updating the single value with the list of multiple values in the list

print(stu1);

stu1[2:4]=25,55,45,75,72; #updating the range of value with the list of multiple values in the list.

print(stu1);

del stu1[2]; #deleting single value from the list

print(stu1);

del stu1[1:5]; #deleting multiple values from the list.

print(stu1);

Output

