**List Operation and inbuilt methods**

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

b=[1,2,3,1,2,4,5,6,7];

c=[11,12,13,14,15];

a.append(11); # Write a program to implement append method in list.

print(a);

a.append([11,12,13]); # Write a program to implement append method in list.

print(a);

a.append((14,15,16)); # Write a program to implement append method in list.

print(a);

b.count(1); #Write a program to implement count method in list.

print(b);

a.extend((1,2,3)); #Write a program to implement extend method in list.

print(a);

a.index(5); # Write a program to implement index method in list.

print(a);

a.insert(6,22); #Write a program to implement insert method in list.

print(a);

a.remove(7); #Write a program to implement remove method in list.

print(a);

a.reverse(); #Write a program to implement reverse method in list.

print(a);

b.sort(); # Write a program to implement sort method in list.

print(b);

c.pop(3); #Write a program to implement pop method in list.

print(c);

