1. **Write a program to make another list of duplicate elements from the following list**

[1, 5, 6, 5, 1, 2, 3]

List1 = [1,5,6,5,1,2,3]

List2 = []

DuplicateList = []

print(List1)

for x in List1:

if x not in List2:

List2.append(x)

else:

DuplicateList.append(x)

print(DuplicateList)