PROJECT 11 By Vivek saini and Pulkit Chopra

TITLE: College and Clubs

GOAL: There are two clubs operating in your college. The first one is a Dance club named as 'Extravenza' and the other one is a Sports club named as 'Tez'. Some of the students are enrolled in Extravenza, some of them are enrolled in Tez. But there is a small group of students who are enrolled in both of these clubs. You as a representative of the student council is given a task to tell the total count of students who are enrolled in at least one of the clubs.

In [2]:

```python
L=[]   #List 1
M=[]   #list 2
L1=input("Students in Club Extravenza: ").split(",")    #Get list of student in
dance club
L2=L1+input("Students in Club Tez: ").split(",")         #Get list of student
 in sports club
for i in L2:
    if i not in L:                          #if element in list appeares at
least once it is added  to list 'L'
        L.append(i)
    else:
        M.append(i)                         #if element in list repeates the
element is added to list'M'
print("Students in both the Clubs: ",M)
print("No. of Students who are enrolled in atleast one of the clubs:",len(L))
#printed no of elements in L
```

```
Students in Club Extravenza: 1,2,3,5
Students in Club Tez: 2,3,4
Students in both the Clubs:  ['2', '3']
No. of Students who are enrolled in atleast one of the clubs: 5
```