

```

Ans 1) a = int(input())
        b = eval(input())
        new = [ ]
        for i in b:
            if i[0] not in new:
                new.append(i[0])
        det = { }
        for i in new:
            det[i] = [ ]
        for i in det:
            for j in b:
                if i == j[0]:
                    det[i].append(j[1])
        det_2 = { }
        res = 0
        for i in range(len(det)):
            for j in range(i+1, len(det)):
                res = len(set(det[list(det)[i]] &
                    set(det[list(det)
                        [j]]))) / float(len(set(det[list(det)[i]])))

```

```

set(det[list(det)[j]])))*100
    if 1 != j:
        det2[r]=[round(res,2),list(det)
[j], list(det)[i]]
        r=r+1
a=list(det2.values())
for k in range(len(a)):
    if a[k][1]>a[k][2]:
        c=a[k][1]
        a[k][1]=a[k][2]
        a[k][2]=c
a.sort(key=lambda a:a[0], reverse=True)
b=[]
for q in range(a):
    b+=[(d[q][1], d[q][2])]
print(b)

```