CONTRACTOR OF THE PARTY OF THE		
>>	7 0.53 0.38 0.32 0.19 0.41	
0,40		
0.22		
0-35		
0:26		
0.08		
0.45		
	0.40 0.22 0.35 0.26	

① Compute the distance matrix, nong Encledian distance.  $d(P_1, P_2) = \sqrt{(0.22-0.40)^m + (0.38-0.53)^m} = 0.23$   $d(P_1, P_3) = \sqrt{(0.35-0.40)^m + (0.32-0.53)^m} = 0.22$   $\begin{cases} P_1 & P_2 & P_3 & P_4 \\ P_1 & P_2 & P_3 \\ P_1 & P_2 & P_3 \\ P_2 & 0.23 & P_4 \\ P_2 & 0.23 & P_4 \\ P_3 & 0.22 & 0.14 & 0 \\ P_3 & 0.37 & 0.19 & 0.13 & 0 \\ P_5 & 0.34 & 0.14 & 0.28 & 0.23 & 0 \\ P_5 & 0.34 & 0.14 & 0.28 & 0.23 & 0 \\ P_5 & 0.34 & 0.14 & 0.28 & 0.23 & 0 \\ P_6 & 0.34 & 0.14 & 0.28 & 0.23 & 0 \\ P_7 & 0.34 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0.24 \\ P_7 & 0.24 & 0.24 & 0.24 & 0$ 

0.22

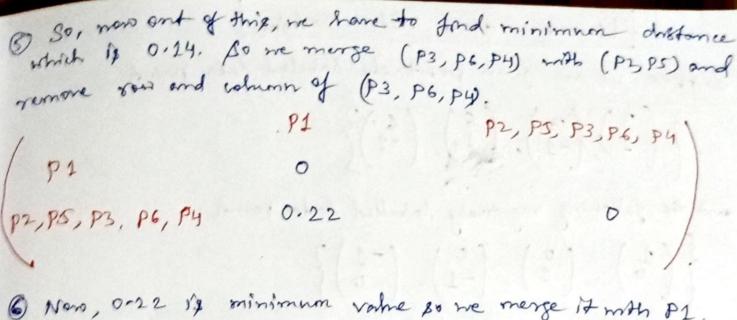
2 Merge 2 closest members.

0.24

Minimum value is 0.10 80 we combine P3 and P6.
Now, form charters corresponding to minimum value and inpolate distance matrix.

0.24 0.10

	P1 P2 P3, P6 P4 P5	0,23	0 0.14 0.19	P3, P6  0  0.13  0.28	0,23		
	PS 0.34 0.14 0.28 0.23 0  We marged P3 and P6 where in obstance matrix P6 ron a column were removed.  3 We again need to find minimum distance from abone matrix. It is 0.13 for P4 row.  30, now we marge row and column of P4 with P3,						
	P1 P2 P3,96,94	P1 0	^P2	4 (01 00 0	P6, P4	·bs/	
	P5.  Do the common miles	0.34 onesder 3 d	Most app	0 1	110 33 5	O )	
	P2, P5	be removed P1 0 0.23	<b>P</b> 2	-, P5	pand Ps m	4	
1	P3, P6, P4	0.22	0	·14	0		



- 6 Novo, 0-22 1/4 minimum value so we merge it with P1. so, the clusters that we get, [2(P3, P6), P4], (P2, P5)], P1.
- (B) We can't consider o because otherwise all mill be merged.

  (B) Word, we weate dendogram which is a tree structure sharing has elimbers are formed.

