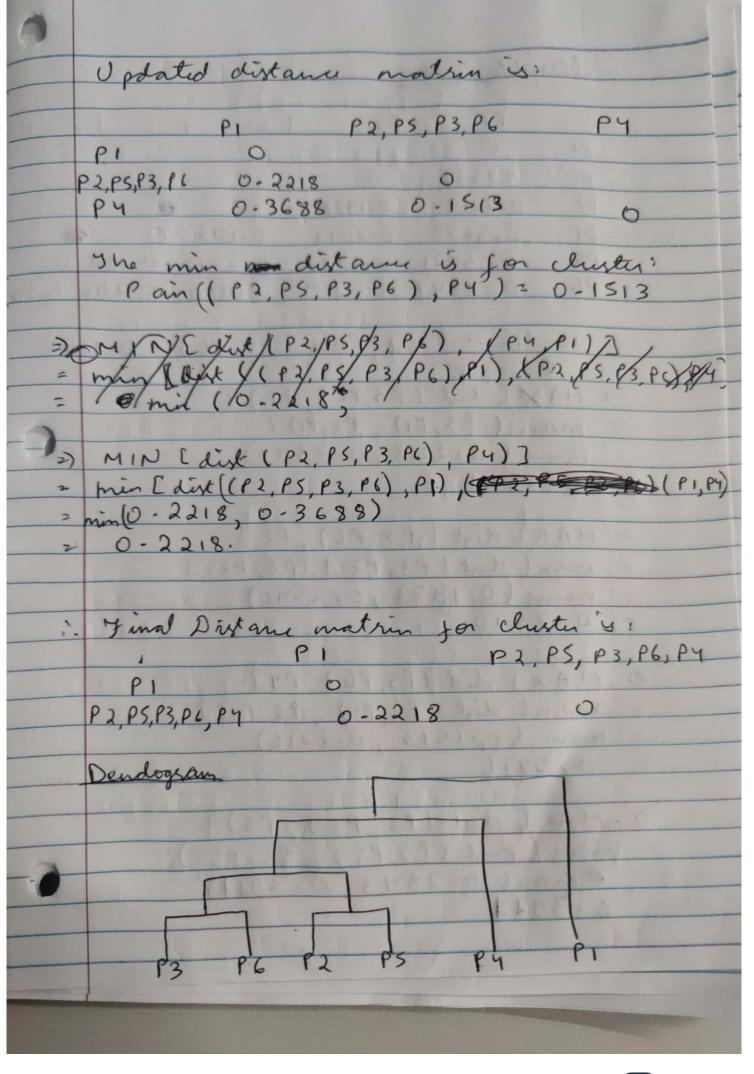
	1			Playush Agrawal
1	1	10010	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	700702587
	In	class prog	ramine.	
-	1			Barry - 1
91.	So	27		
	133	Points	X-coordinate	Y-coordinate
	-	PI	0.4005	0.5306
		PZ	0-2148	0.3854
		P3	0.3457	0.3156
		PY	0.2652	0.1875
	1	P5.	0.0789	0.4139
		96	0, 4548	0.3022
-		A silve		
right hi	uk	PI P	2 p3	py ps ps
	P.	0.0		
	Pz	0.2352 0	.0	
	p3	0. 2218 0.	M83 0.0	
	py	0.3688 0	0.2042 0.1513	.0.0
	p5	0-3421 0	1.1388 0.2843	0-2932 0.0
	P6	0.2347 0	0.2540 0.1100	0.2216 0.39210
			12 23 /11	
	Non	in the d	listance mate	in, the min is:
		Pair S.Pa. P.	3=0-11	
	Und	atine dist	ance matrin	MINE dist (P3,Pc), PL
	P	7		
3	MI	N ( sink (P	3, 91), (16, 91))	
=			18, 0.2347)]	-
2		2218	, , , , , , , , ,	
			22012027	
=)			23, 96), 92]	11
=	mu	1 (dutt ) 1 2	), dyt ( P6, P2	/)



min (0.1483, 0.2540) 0.1483 =) MIN[dist (P3, P6), P4)] = min (dixt (P3, P4), (P6, P4)) min (0-1513, 0.2216) 0-1513 =) MN [dist (P3, P6), P5] 2 min (dist ( P3, P3), P6, PS) 2 min (0.2843, 0.3921) = 0-29-10-2843. 8 Updated distance matrin for P3, P6. 0 8 P2 P3,16 P4 PS PI 6 11 0 6 P2 0.2357 0 0 P3P6 0.2218 0.1483 0 0 P4 0.3688 0.2042 0-1513 0 PS 0.3421 0.1388 0-2843 0-2932 0 3 9 The min dist in distance matrin is: 9 Pair [P2, P5] = 0.1388 9 => MIN [ dist ( P2, P5), P1] min (dut (P2, P1), (P5, P1)) min (0.23570 0.3421) = 0.2357. 2) MIN[dist (P2, P5), (P3, P6)] 2 min (dix (Pd (P3, P6), P5 (P3, P6)].

2	min (0.1483, 0-2843)
	0.1483
2)	MINEdist (P2, PS), P43
	min ( dist (P2, P4), (P5, P4))
	min(0-2042, 0.2932)
	0-2042.
	Updated distance matrin is:
	(200) (85 (8) (60 (8))
	P1 P2, P5 P3, P6 P4
	PI O EFECTORALES
	P2 P5 0-2357 0 P3 P6 0-2313 0.1483 0
	Py 0.3688 0.2042 0.1513
- 29	CL PS, LOLL ES
	The min materin poir is for cluster:
	Pair (P3,P6), (P2, P5)=0.1483
	PAR 0.2318 0.1983
27	MIN [ dist((P2, P5), (P3, P6)) P1)]  min (dist((P2, P5), P1), (P3, P6), P1)]  min (0-2357, 0-2218)
0 5	min (dist ((P2, P5), P1), (P3, P6), P1)
2	min (0-2357, 0-2218)
7	0.2218
	8881.0 189 69 1803 7
=)	MIN { dist ((P2, P5), (P3, P6)), (P4)) ] min [ dist ((P2, P5), P4), (P3, P6), P4))
=	mn [ dixt(( P2, P5), P4), (P3, P6), P4)]
2	min (0, 20 Md, 0, 1313)
=	0-1513 (1616 11 (1888 10) 11
	- FREE O
	201491 (2209 ) 112 212 12



Complete Link PI P2 0-2357 0 0-2218 0-1483 0 0.3688 0.2042 0.1513 0 0.3421 0.1388 0.2843 0.2932 0 0. 2347 0. 2540 0.1100 0.2216 0.39021 The lowest is: Pain (P3, P6) = 0-1100 2) MAX[dist (P3, P6), P1)] 2 man [ ( P3, P1), (C, P1)] man (0.2218, 0.2347) 0.2347 => MAX [ dist ( P3, P6), P2] = man (dist (P3, P3), (P6, P2)] man (0.1483, 0.2540) 0.2540 E) MAX E dist (P3, P6), P43 = man ( dixt (P3, PV), (P6, PV)] = man (0.1513, 0-2216) 0.2216 >) MAX [dist (P3, P6), P5)] 2 man (dixt (P3, P5), (P6, P5)) 2 man (b-2843, 0-3921) 0-3921

of	
0 3	
4	
9	P1 P2 P3, P6 P4 P5
1	PIO
7	P2 0-2357 O
+	P3, pc 0 - 2347 0 - 2540 0
*	P4 0.3688 0.2042 0.2216 0
3	PS 0-3421 0.1388 0-3927 0-2932 0
7 2	The lowest 's: Pain (P2, P5) = 0-1388
3	The cowyr of run (14,15)
3 =)	MAXC dist (P2, PS), PI)
9 >	man (dist((P2,P1), (P3,P1))
9 =	man (0-2357,03421)
7 =	0-3421
9-7	0 10 00 102 11
3 3	MAX { dist (P2, P5), (P3, P6))
2	man (dist (P2, (P3, P6) 7, (P5, 1 P3, Pc))]
2	man (0,2540, 3921)
2 2	0-3921.
,	MAX [ dix (P2, PS9, P4]
7 -)	MAX Last (12,13), (4)
7	man (dist (P2, P4), (P5, P4)) man (0.2042, 0-2932).
9 -	man ( 0.20 ( 2, 0 - 2 ) 2)
	6-2932
•	P1 P2P5 P3P6 P4
5	
	P2, P5 0.3421 01 P3. P6 10.2347 0.3327 0
	P4 0.3688 0.2932 0.2216 0
)	
The second second	

Min from chester is: 89 Pair (P4, (P3, P6)) = 0-20420-2216 MAX[dist(P3, P4, P6), P1) man (dist(1 P3, P6), (P1) (P1, P4) man ( 0. 3688, 0.2347) 0.3688 MAX [ dist ( P3, P4, P6), (P2, P5)] man ( dist(1 P3, P6) (P2, P5)), (1 P4), P2, P3 man (0.3921, 0.2932) 0-3917 PI P2 PS P3 P6 P4 P3 P5 0.3421 0 0 P3P6P4 0.3688 0.3927 0 Min from distance od matrin is: Pain (P1), (P2, P5)] = 0-3421 MANE dist (( P3, P6, P4), P1)

man (dist (( P3, P6, P4), P1), (P3, P6, P4), (P2, F man (0.3688,0.3921) 0.3921 P7 P2 PS P3 P6 PY 10160 PIPZPS 0.3983 P3 P6 P4

i Ctutos Dendogran is' Minimum distance matrin & for cluster Pan (P3, P6) = 0.11 =) Aug [(P3, P6), P1] = Aug (0.2118, 0.2347) = 0.2282 2) Aug [ (193, p6), p2\$] 2 Aug (0.1483, 0.2540) 0.2011 Avg (0.1513, 0.2216) => Avg[(P3,P6), P5)= = Avg(0.2873,0.3921) 0.3382

P1 P2 P3P6 P4 P5
RI O
P2 0.2954 0
P3, P6 6.2282 0.2011 0
P4 0.3688 0.2043 0.1864 0
PS 0.3421 0.1388 0.3382 0.2932 0
- The minimum in water run distance is:
Pair (P2, P5) = D-1388.
=) Avg (dipt (P2,P5), P1)9] =) Avg (dipt (P2,P1), (P5,P1)) = aveg (0.2357, 0.3421)
7 A. 7 ( disk ( P2, P1) (PS, P1))
2 2 2 (0 - 23 5 ) 0 . 3 4 2 1)
= 0-2889.
- 0- 2 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
2) A Jg E dist ( P2, P5), (P3, P6))
=) Avg Edist (P2,P5), (P3,P6)] = avg Edist ((P3,P6), P2), ((P3,P6), P5)]
= aug (aux ((1),16),12),(1),13)
= auty (0.2011,0.3382) = 0.2946.
0.2316.
2 ( 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
e) A vg { dist (P2, P5), P4) }
= ang (dut (P2, P4), (P5, P4))
= avg (dist (P2,P4), (P5,P4)] = avg (0.2042, 0.2932)
= 0.2487.0100.0
THE PLANT OF THE PARTY OF THE P
P1 P3P2 P3P6 P4
PI O TEN 109, EN 17 MA
02 95 0-2889
P386 0.2282 0.2946 0
PY 0.3688 6.2487 0.1864

1		
13	1	
10		
20		The minimum dist wateris is for cluster: Pain (1P3, PC), P4] = 0.1864.
3		Pain (173,10), 195 = 0.1864.
10	-	A 170 ( dist ( D3 D4 PC) 1P())
1	3	Aug [dist (P3, P4, P6), [P1)]  aug [dist (P3, P6), P,), (P4, P2) P1)]  aug (0.2282, 0.3688)
3	2	ava (0.2282, 0.3688)
*	2	0.2985
3		
3	(=)	Aug [dist (P3, P4, P6), (P2, P5)]
3	2	Aug [dist (P3, P4, P6), [P2, P5)] aug [dist (1P3, P6), P2, P5); (1P34), P2, P5)] aug (0.2946, 0.2487) 0.2591.
3	2	avg (0.2946, 0.2487)
3	-	0:2591.
7		
*	-	P1 P2 P5 P3 P4 P6
7		2) 05 2 200 12
3		P3P4P6 0.2889 0.2891 0
3		0.433
3		Min dist matin is con that
	(	Min dist matrix is for chuster: Pai [(P3, P2), (P3, P4, P6)] = 0-2591
7		
>	A	Aug[Clist (P2, P3, P4, P5, P6), P1)]
3	=	avg (dit ((PS,P2),P1)), ((P3,P4,P6),P1)] avg (0.2889,0.2985) 0.2937.
3	2	art ( D. 2889, D. 2995)
3	2	0, 2937.
1		
10		P1 P2P3P4P5P6
	-	0 1
	0	P2P3P4PSP6 0.2937. 0
-		
-		

