<u>Lab-9</u>

A	K-means Escar	nple:-	
		La Bridge Charles	
	Sr. X Y		
	1		
	2 1,5 2		
	3 3 4		
	4 5 7		
	5 3.5 5		
	6 4.5 5		
	7 3.5 4.5		
	-> Here K=2 a.	nd we assur	ne
	center is (1,1)	for cluster	1 and
	(5,7) for cluster	2	
	patapoints pisto	ance to center	cluster
	<u> </u>		
	1 1 0	7.21	
	1.5 2 1.11	6.1	
	3 4 3.6	3.6	
	5 7 7,2	0	2
	3.5 5 4.7	2.5	2
	4.5 5 5.3	2.06	2
	3.5 4.5 3	2.9	2

	New centroid :-						
		Califolis and the State of the Control of the Contr	200		Land to see a		
	K,	_ = _ (1.83, 2.	33)	1+1,5+3	x points	
	K;	(4.12,5.	375)	3	in cluster 1	
					*		

	Data p	points	Distance +	o center	cluster	New cluster	
	_X	Y	1.83,233				
			1.57	5.4	9.	\$\$	
	1.5	2	0.46	4.22	7 5 2	<u> </u>	
	3	4		1.77	그리는 이번 이 내가 되는 사람들이 되었다. 그 것		
	5	7	5.64	1.85	2	Γ 2	
	3.45	5	3.14	0.72	2	· 2	
	4.5	5	3.77	0.53	2 3 ml	p 2	
	315	4.5	2.74	1.07	2	2	
	9 60	a c C to	wed through	(= > c	1 0714		
	New centroid: 5 K1 = (11.25, 1.5)						
					.9, 5.1)		
pt AA	pata	points	Distance	to center	cluster	newcluster	
N .	· X.		1.25,1.5	3.9,5.1			
			their control on well an area	5.02			
5=12.	11.5	- 5.2	-1=1705.1916 H-	3.92	13	01	
	3.	4	3.05	1.42	2		
	50	7	6-66	2.190	2	<u> </u>	
	3.5	5		0.141		<u> </u>	
	4.5	5	4.77	0.6		: 2	
	3.5	4.5	3.75	0.72	2 7	<u>2</u>	
				N. S.	<u> </u>		
	> He.	CP 1110	will&	stop	as 1 the	ene is	
	ИО	- hav	ge in		cluster	5	
		Colle	<i>U</i> `				