q = t, t2 t3 .7 0.6 0.1 can have some subtopic -> can suggest wers disambignate quenj CTY programming ? if 9 = t1. gava = espresso. 7. @ correlated + select -du best correlated terms. of divercity +. >. help user to make query more specific. try to find are the trade of between this two -If I choose to top k correlaced terms, how and I say the diversey.

Chistoring IR.	nacrix
If a query -> cluster query - duster	
Scarch Result clustering -> increase the diversity Scartter-clustery -> visualise.	
q de de de autoriolité	
Flor agorithm () (.?)	- Meang.
Hieradircal algorithm. Collection	probabolitics
bostom up. di di di de di	
	IR-3.

Nobes and Kelusters. D-means. -> use human judgemente for evaluation! K-NN: -> classification, use prior knowledge in algorithm.

size of each choser should be balanced.

Q. RSS. (interior distance)

Q. K. (make is a tight cluster)

3. give panatey to the object which size is too small or too large. do - I do