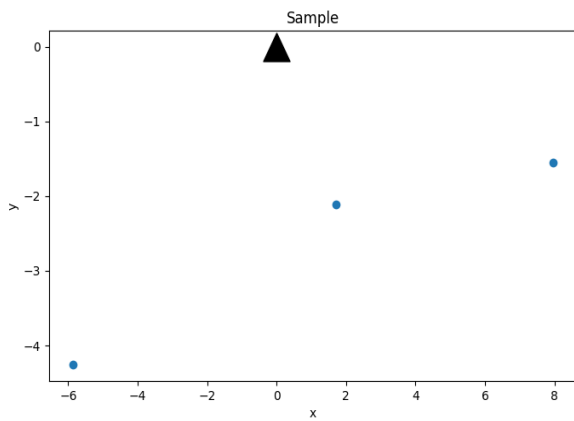
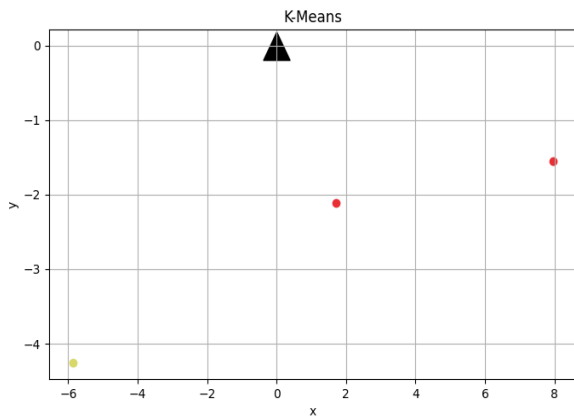


# CLUSTER RESULT



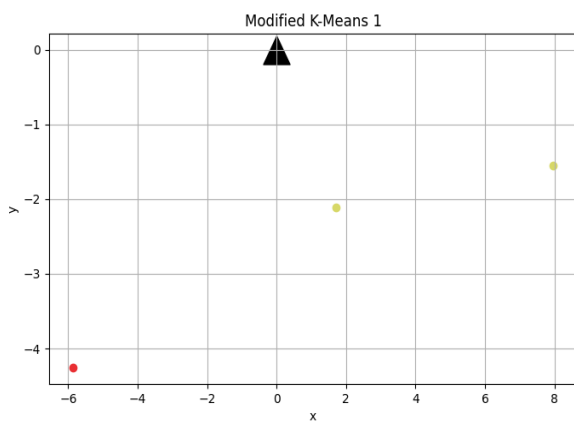
This Plot shows the position of users equipment represented as dots and base station represented as triangle.



This Plot shows Form of Clusters created using K-Means Clustering.

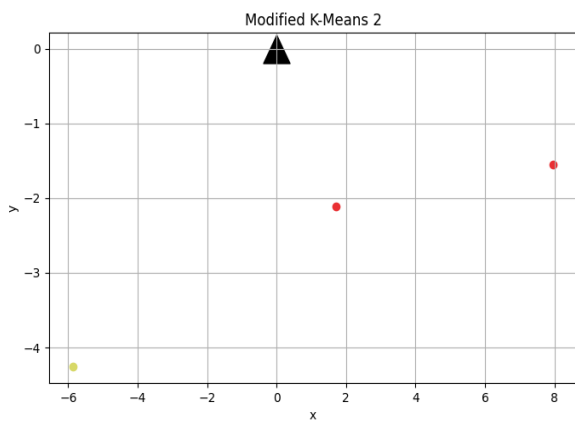
In this process, we use Silhouette Score to set the value of K.

The colors represented clusters formed, total cluster formed are:2

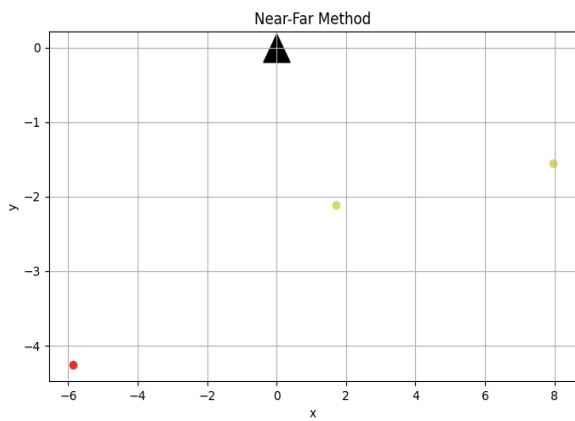


This Plot shows Form of Clusters created using Modified K-Means Clustering.

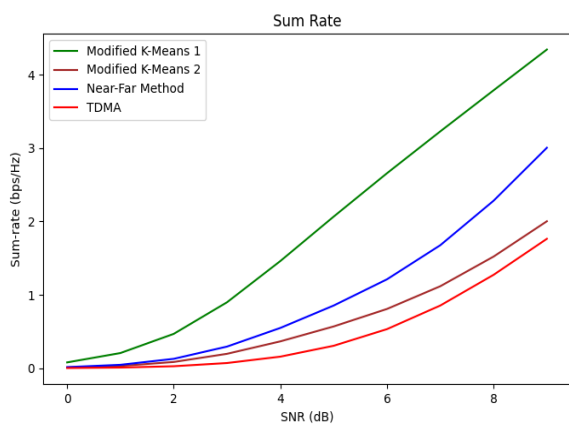
In this process, we use Optimum distance on Silhouette Score to set the value of K. The colors represented clusters formed, total cluster formed are:2



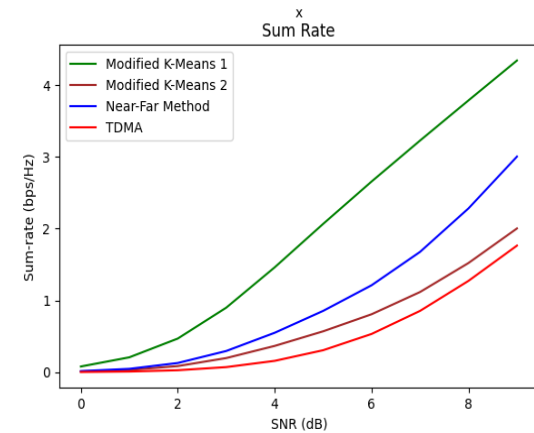
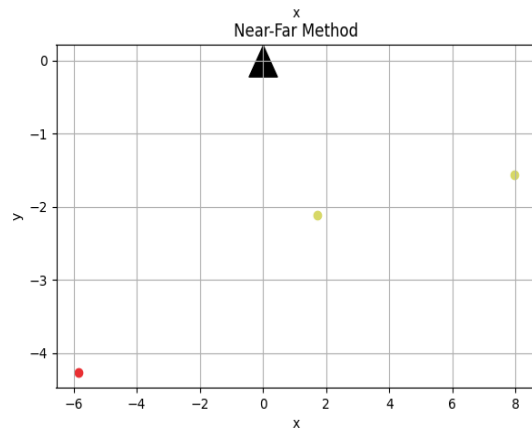
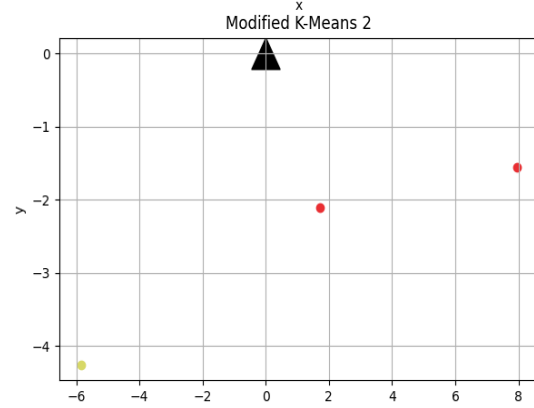
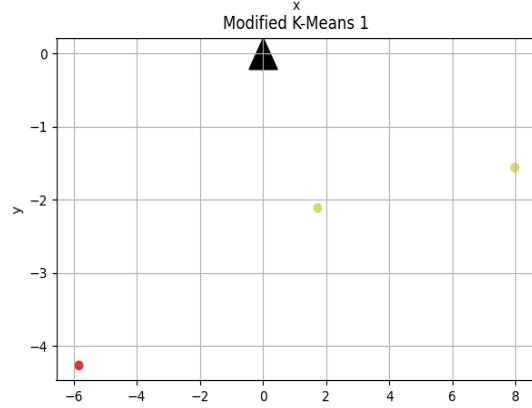
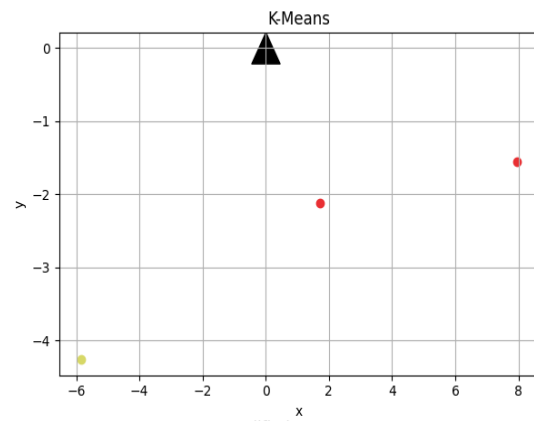
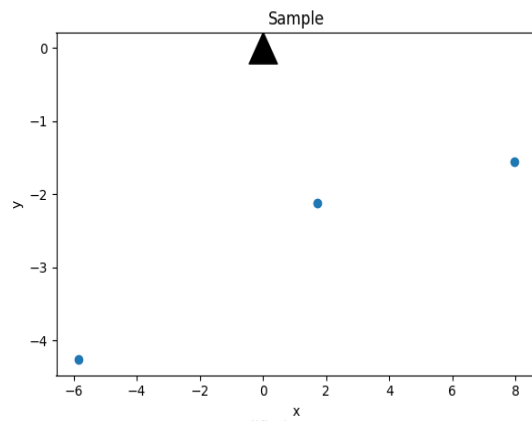
This Plot shows Form of Clusters created using Combination of K-Means Clustering and Near-Far Scheme. The colors represented clusters formed, total cluster formed are: 2



This Plot shows Form of Clusters created using Near-Far Method. The nearest user to the base station will be paired with the furthest. The colors represented clusters formed, total cluster formed are: 2



After some calculation, we obtained sume rate score for every clustering method, the best sum rate score goes to Modified K-Means 1, with improvement level .....%



-5.857494614208023	-4.260091359078022	7.242832425451193	1.0	0.0	1.0
1.710342593359799	-2.1116205863990185	2.7173908970858163	0.0	1.0	0.0
7.95589782311869	-1.5559311262711653	8.10661654709313	0.0	1.0	0.0