CS 4375
ASSIGNMENT 3

Names of students in your group:

Shruti Bindingnavile

Number of free late days used:

0

Note: You are allowed a **total** of 4 free late days for the **entire semester**. You can use at most 2 for each assignment. After that, there will be a penalty of 10% for each late day.

Please list clearly all the sources/references that you have used in this assignment.

K	SSE	Size of each cluster
2	952016.384	Cluster 1 : 540 Cluster 2 : 855
3	686673.936	Cluster 1 : 589 Cluster 2 : 214 Cluster 3 : 592
4	590682.123	Cluster 1 : 249 Cluster 2 : 141 Cluster 3 : 337 Cluster 4 : 668
5	417064.709	Cluster 1 : 469 Cluster 2 : 302 Cluster 3 : 292 Cluster 4 : 116 Cluster 5 : 216
10	261284.252	Cluster 1 : 86 Cluster 2 : 190 Cluster 3 : 160 Cluster 4 : 189 Cluster 5 : 386 Cluster 6 : 156 Cluster 7 : 56 Cluster 8 : 6 Cluster 9 : 100 Cluster 10 : 66
20	142003.409	Cluster 1 : 31 Cluster 2 : 33 Cluster 3 : 16 Cluster 4 : 197 Cluster 5 : 61 Cluster 6 : 20 Cluster 7 : 86 Cluster 8 : 72 Cluster 9 : 56 Cluster 10 : 36 Cluster 11 : 49 Cluster 12 : 24 Cluster 13 : 63 Cluster 14 : 30 Cluster 15 : 159 Cluster 16 : 138 Cluster 17 : 29 Cluster 18 : 73 Cluster 19 : 17 Cluster 20 : 205