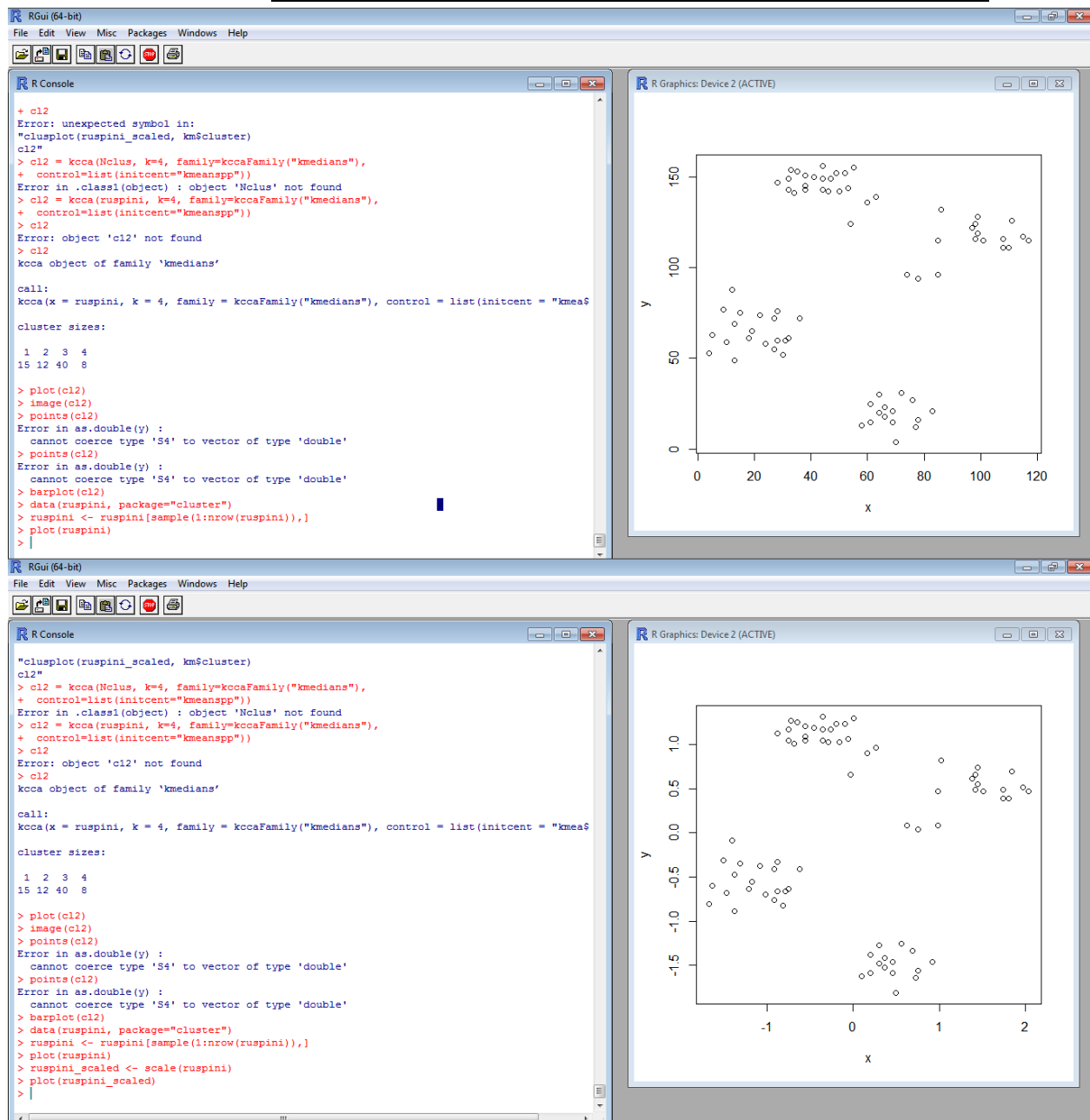


# R Visualization Screen Shots



K-means clustering with 4 clusters of sizes 17, 15, 20, 23

Cluster means:

	x	y
1	1.4194387	0.4692907
2	0.4607268	-1.4912271
3	-1.1385941	-0.5559591
4	-0.3595425	1.1091151

Clustering vector:

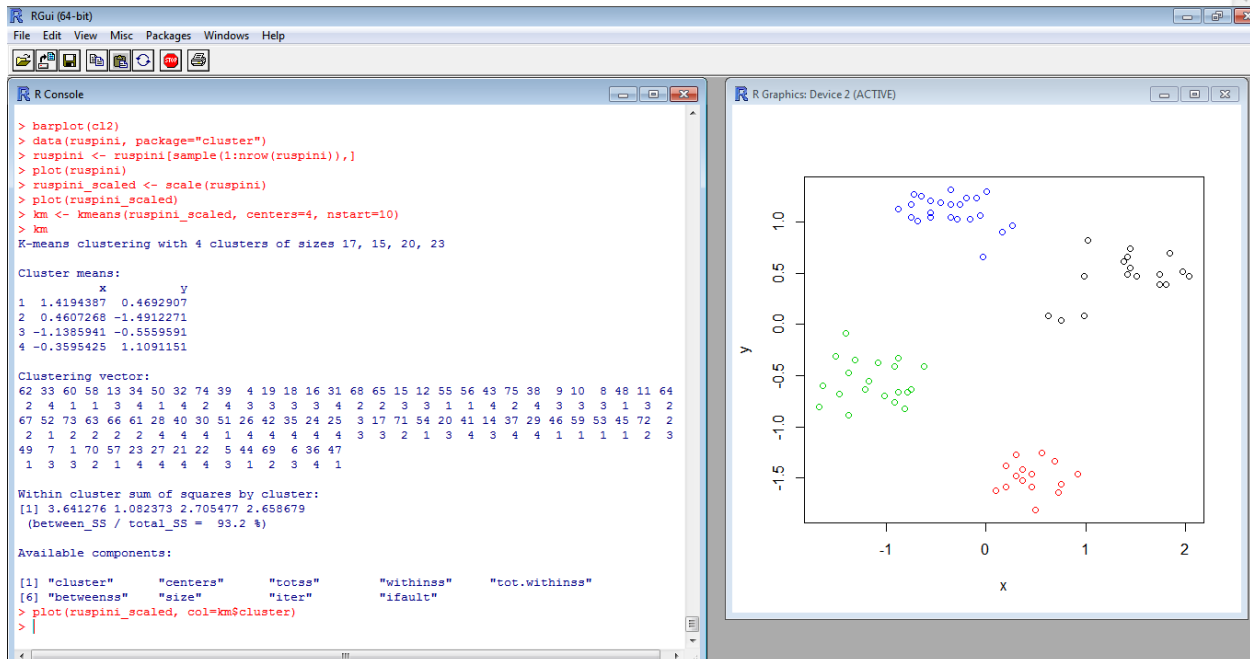
62	33	60	58	13	34	50	32	74	39	4	19	18	16	31	68	65	15	12	55	56	43	75	38	9	10	8	48	11	64
2	4	1	1	3	4	1	4	2	4	3	3	3	3	4	2	2	3	3	1	1	4	2	4	3	3	3	1	3	2
67	52	73	63	66	61	28	40	30	51	26	42	35	24	25	3	17	71	54	20	41	14	37	29	46	59	53	45	72	2
2	1	2	2	2	2	4	4	4	1	4	4	4	4	4	3	3	2	1	3	4	3	4	4	1	1	1	1	2	3
49	7	1	70	57	23	27	21	22	5	44	69	6	36	47															
1	3	3	2	1	4	4	4	4	3	1	2	3	4	1															

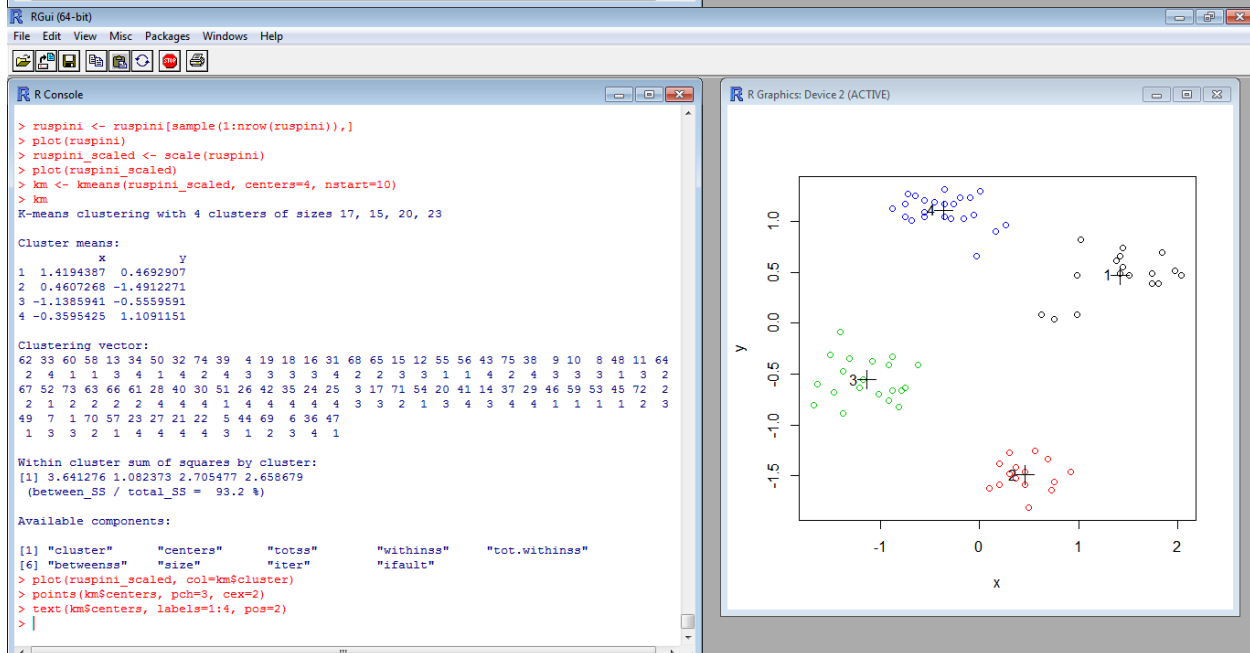
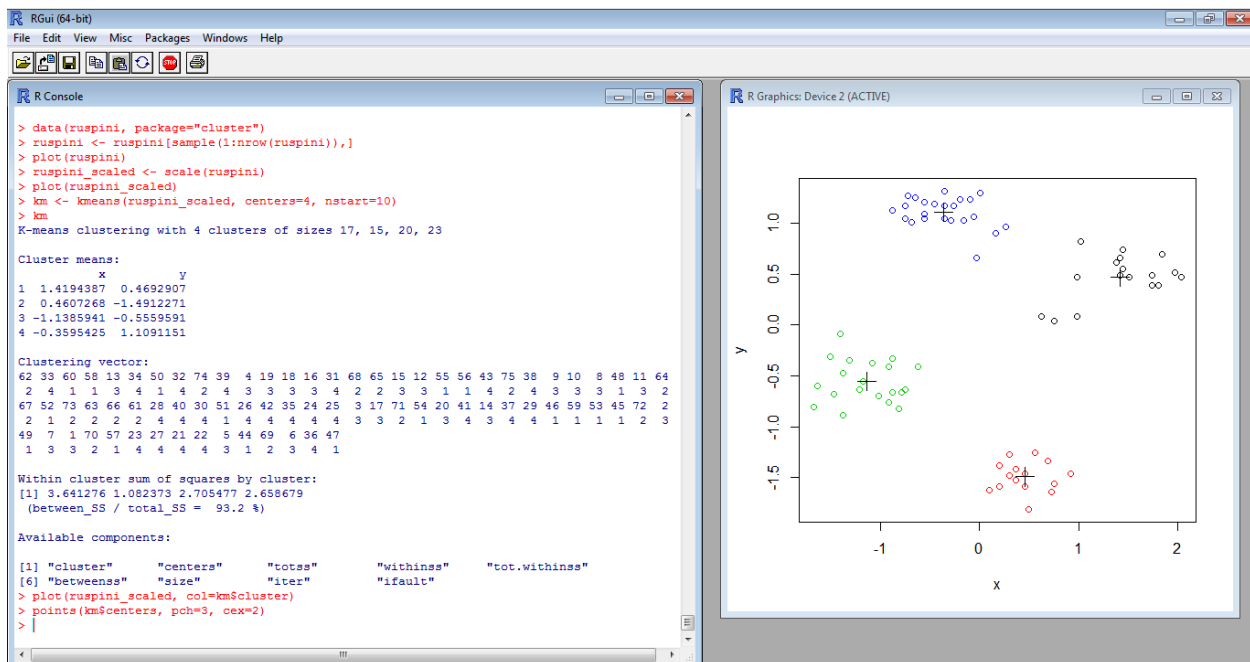
Within cluster sum of squares by cluster:

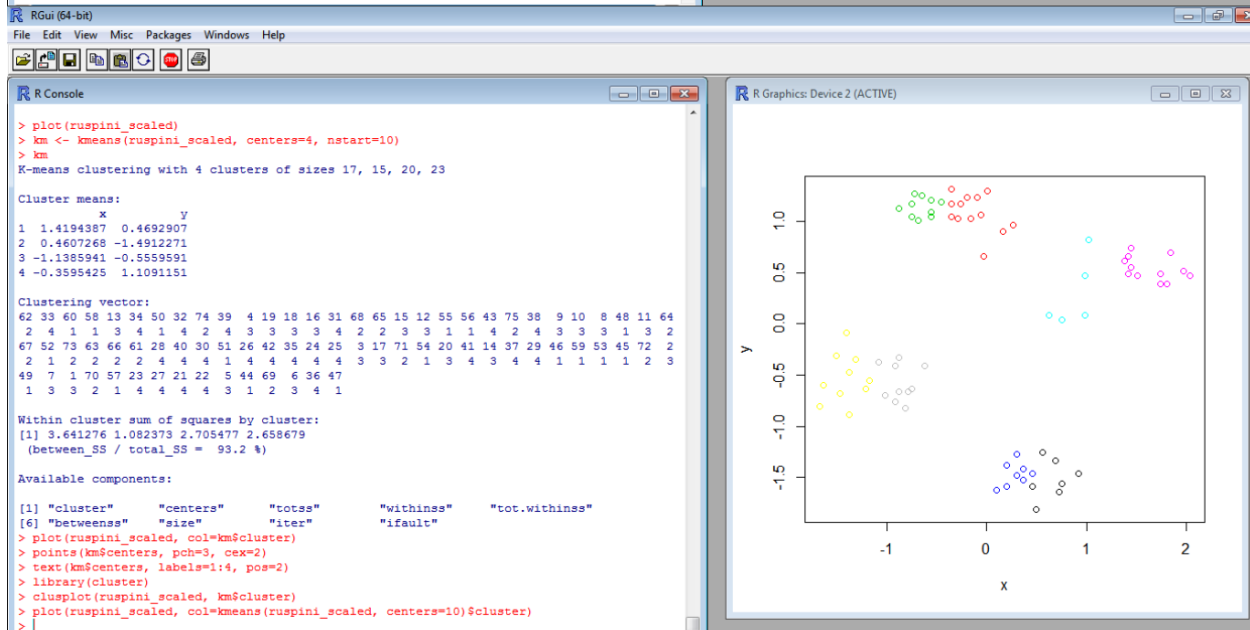
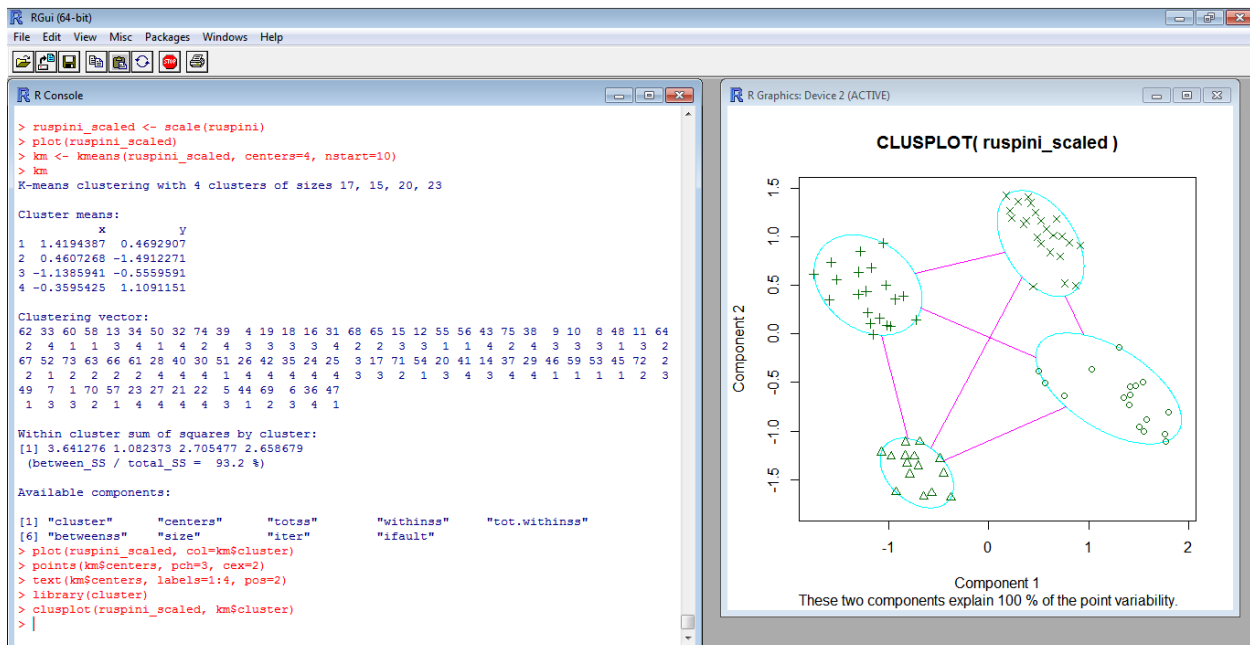
```
[1] 3.641276 1.082373 2.705477 2.658679
(between_SS / total_SS = 93.2 %)
```

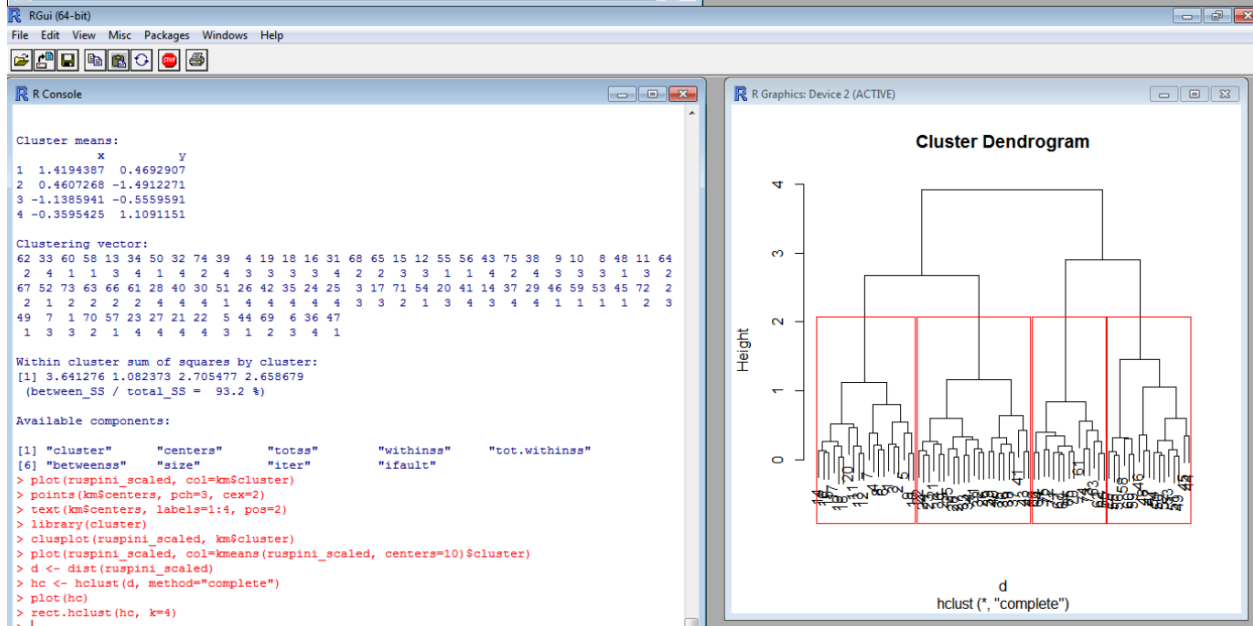
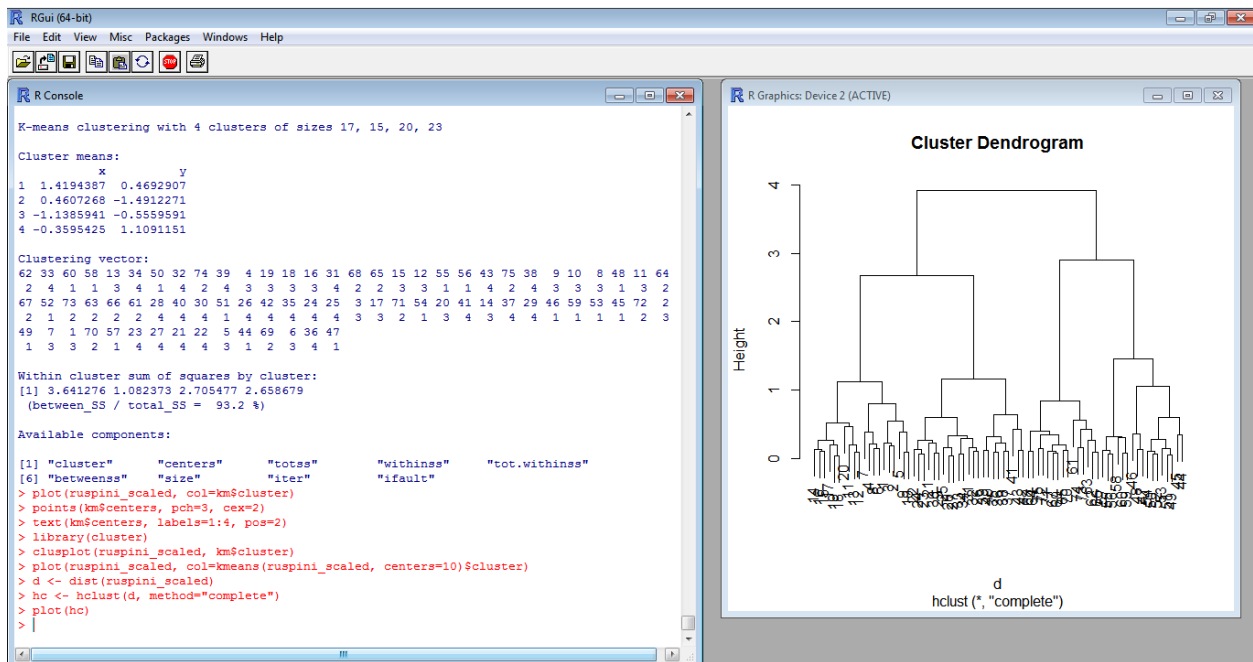
Available components:

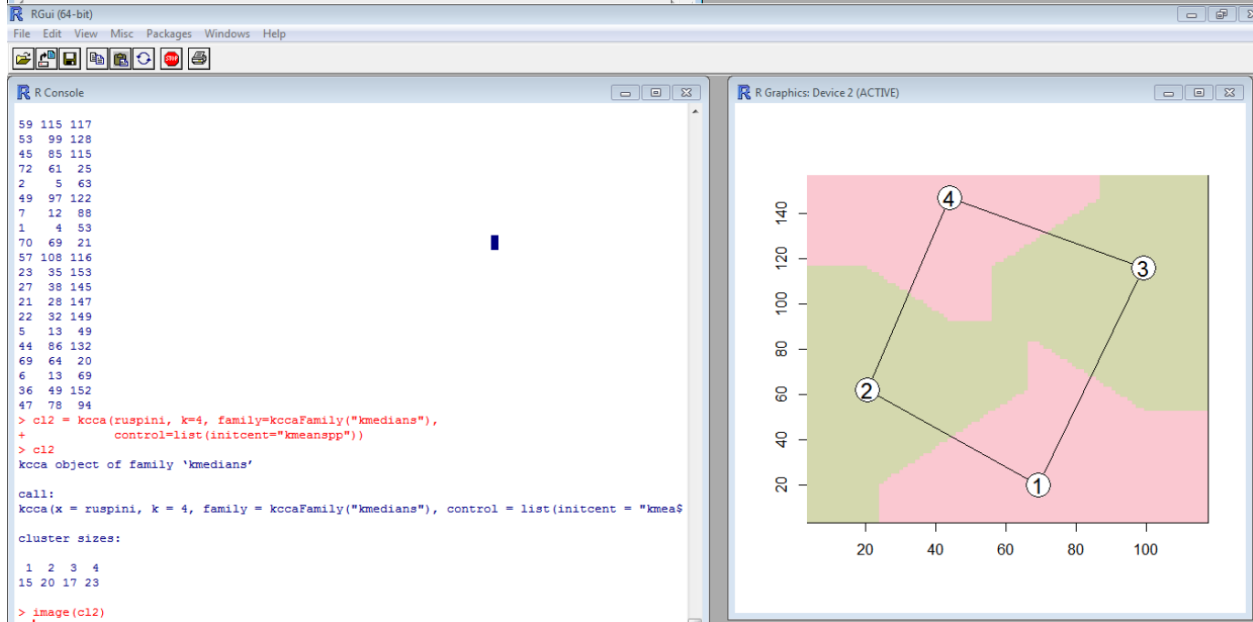
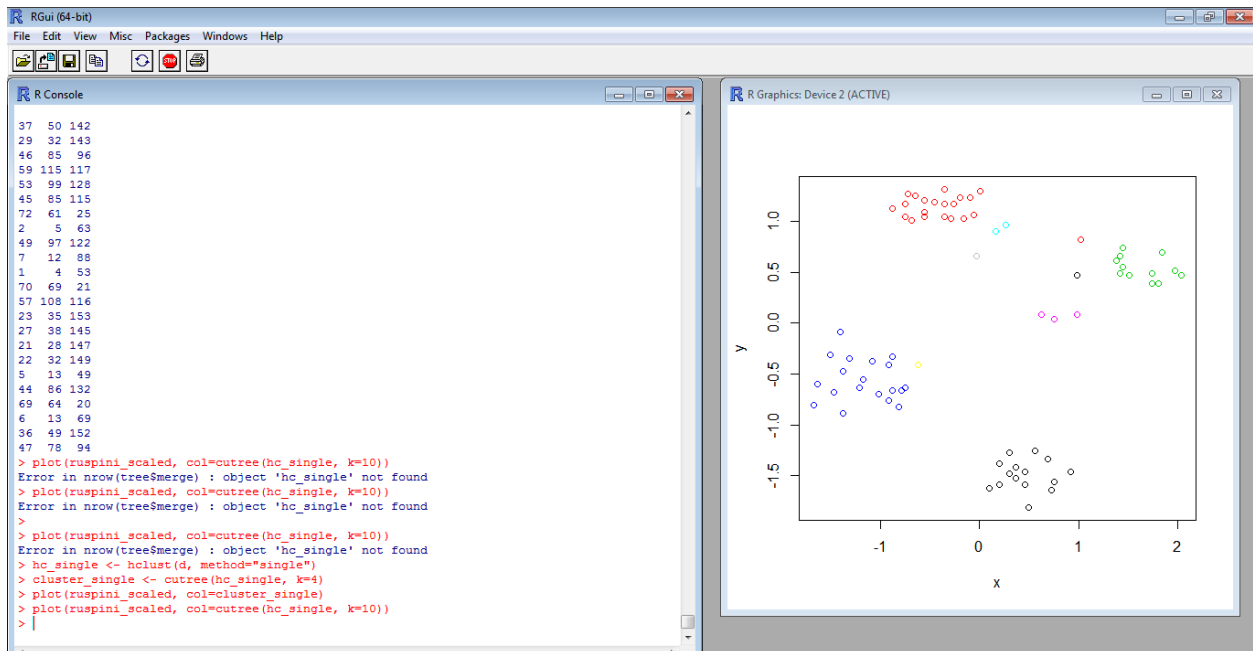
```
[1] "cluster"      "centers"      "totss"        "withinss"     "tot.withinss"
[6] "betweenss"    "size"         "iter"         "ifault"
> |
```

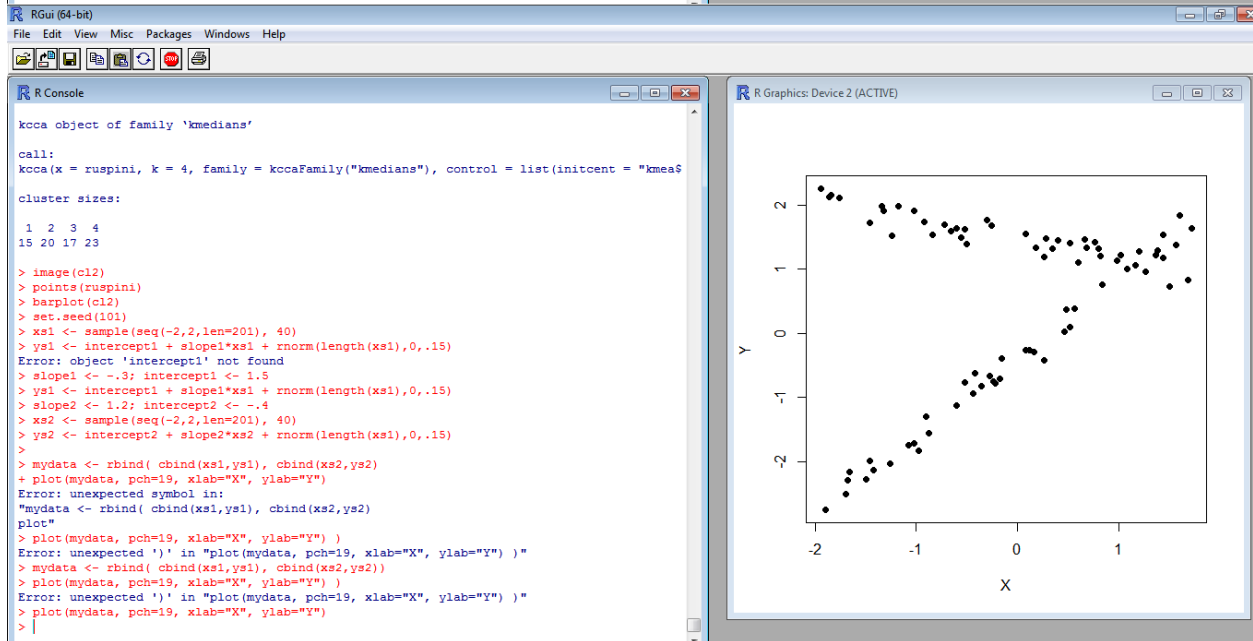
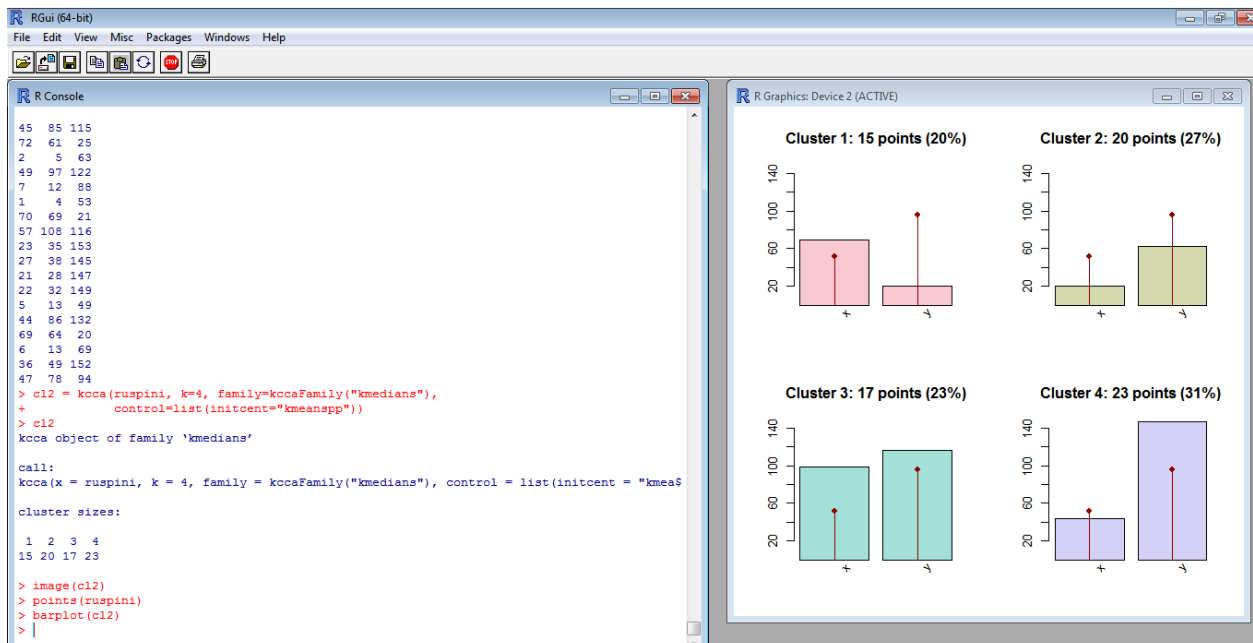




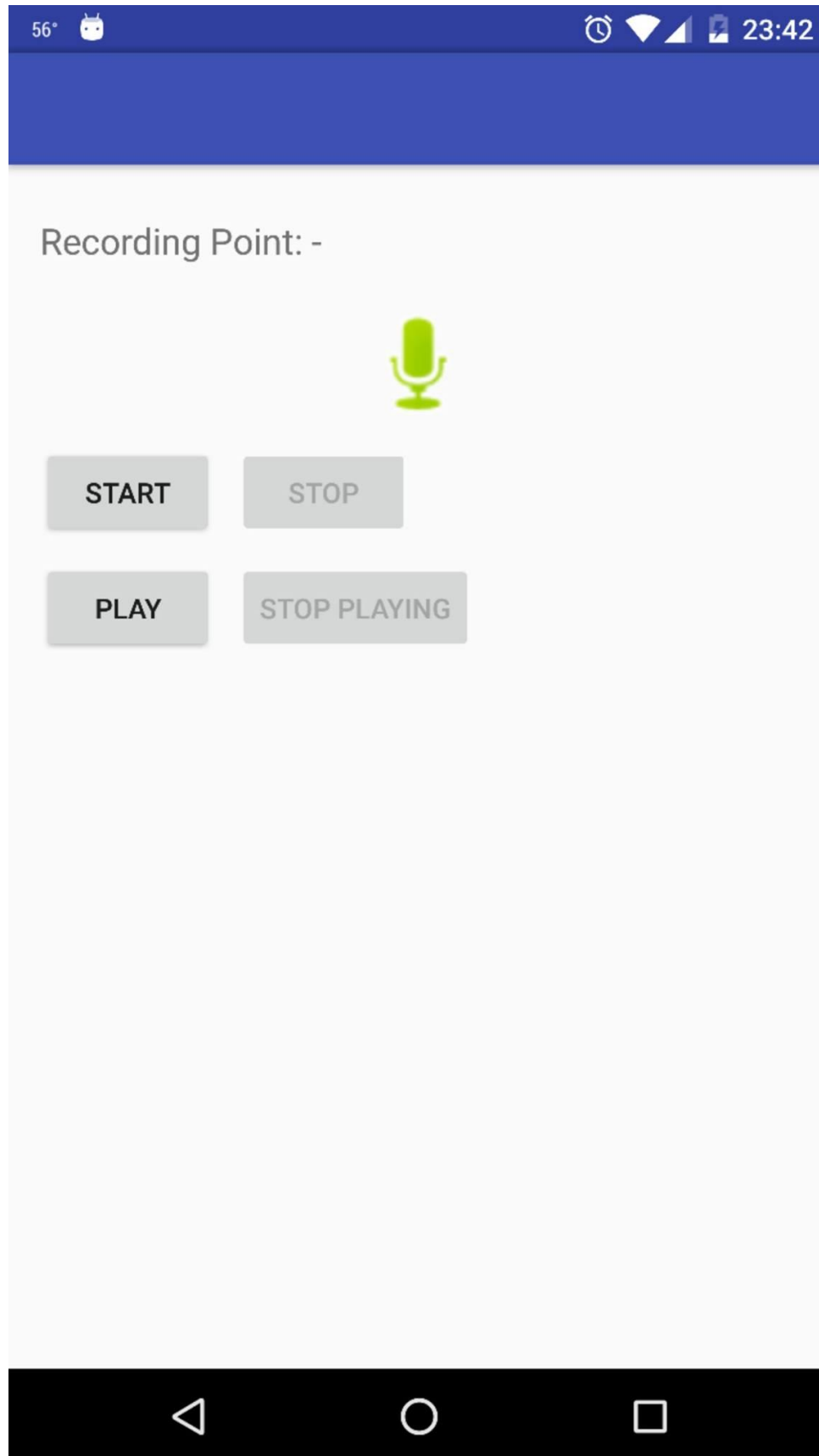








# Android Screen Shots for Live Audio Recorder







49°



16:12

Recording Point: -



START

STOP

PLAY

STOP PLAYING

Playing audio