

Report for Lab Assignment 3

1.

QUESTION:

R Project

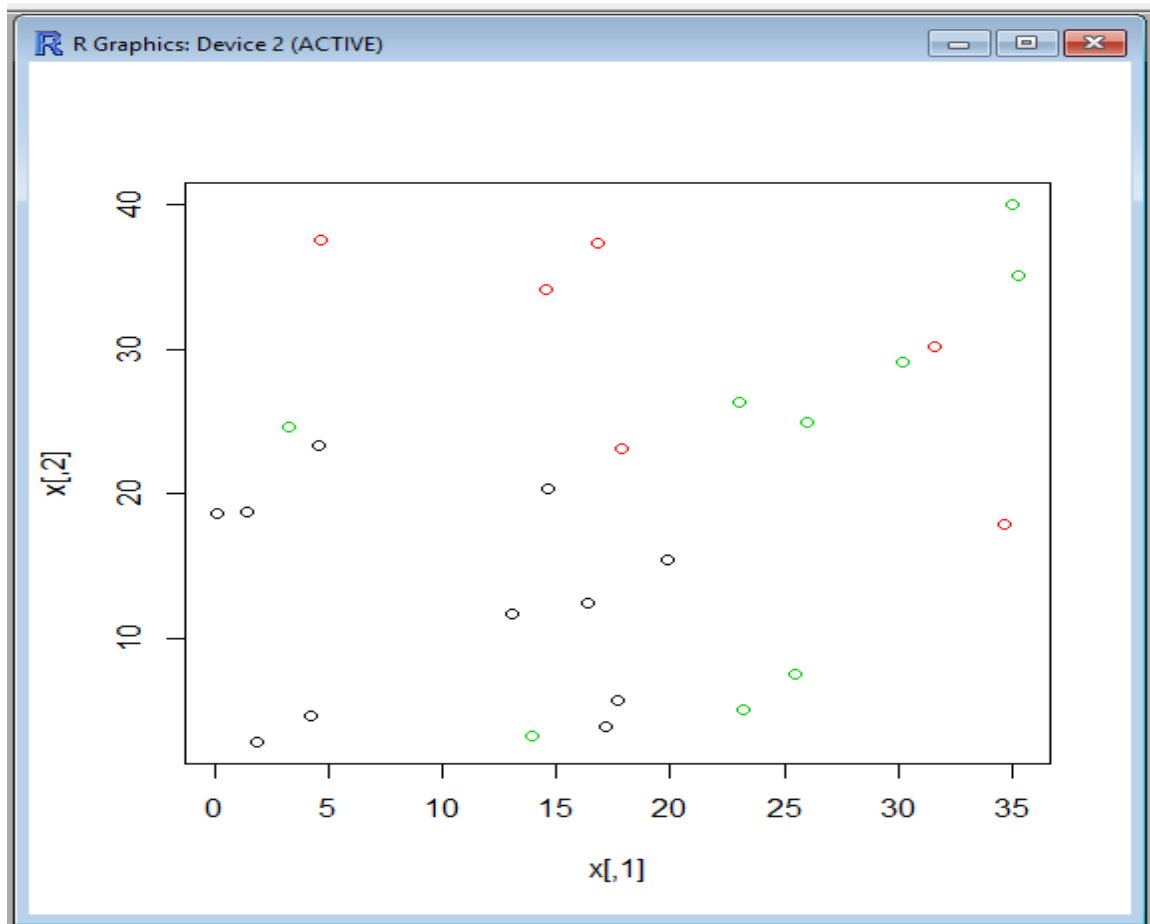
Prepare a dataset related to your own project and perform k-Means, k-Medians, Expectation Maximisation (EM), Hierarchical Clustering and report the results.

DESCRIPTION:

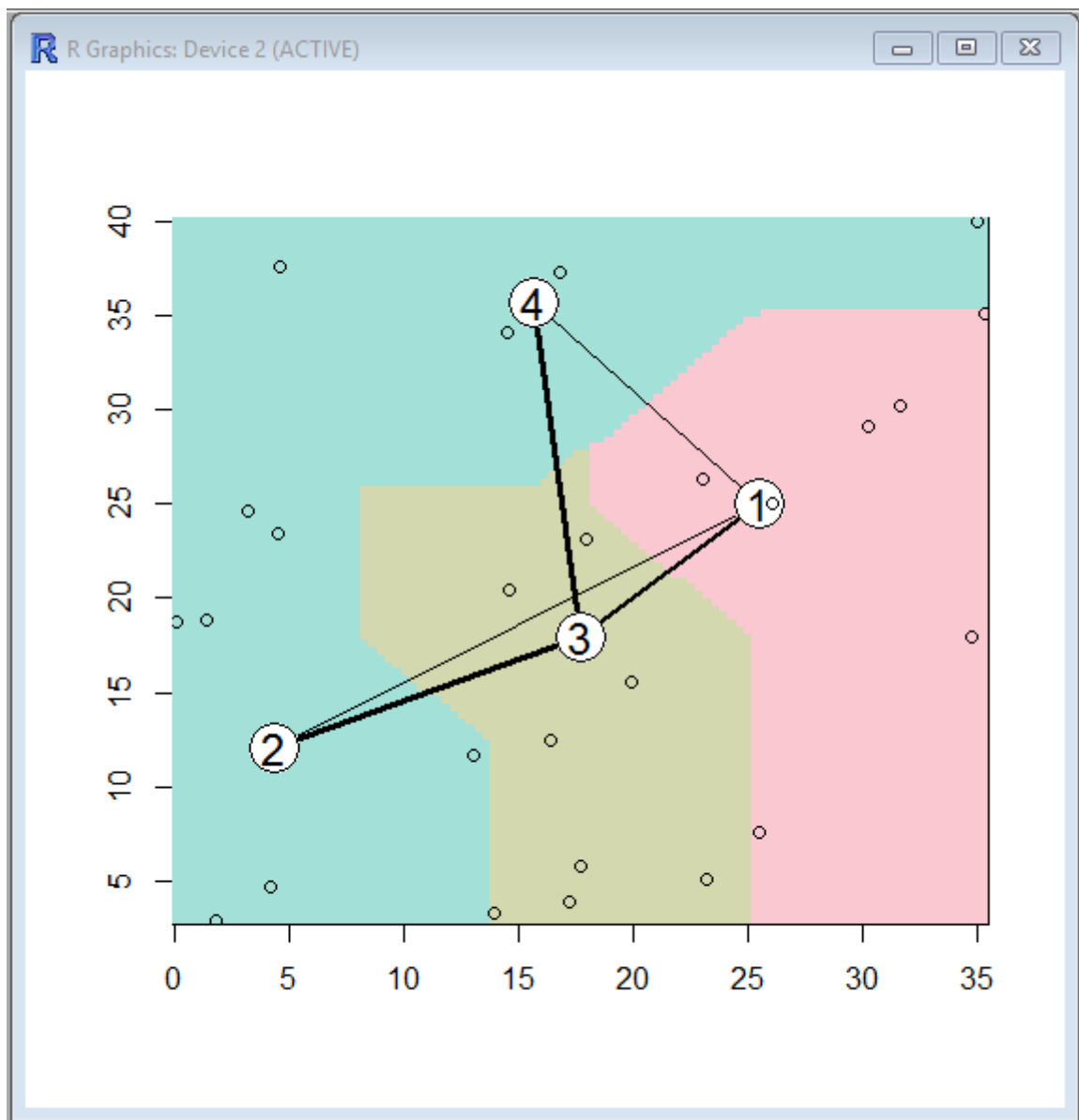
A dataset which includes the data of images captured related to my project is created and performed k-Means, k-Medians, Expectation Maximisation (EM), Hierarchical Clustering on it.

SCREENSHOTS:

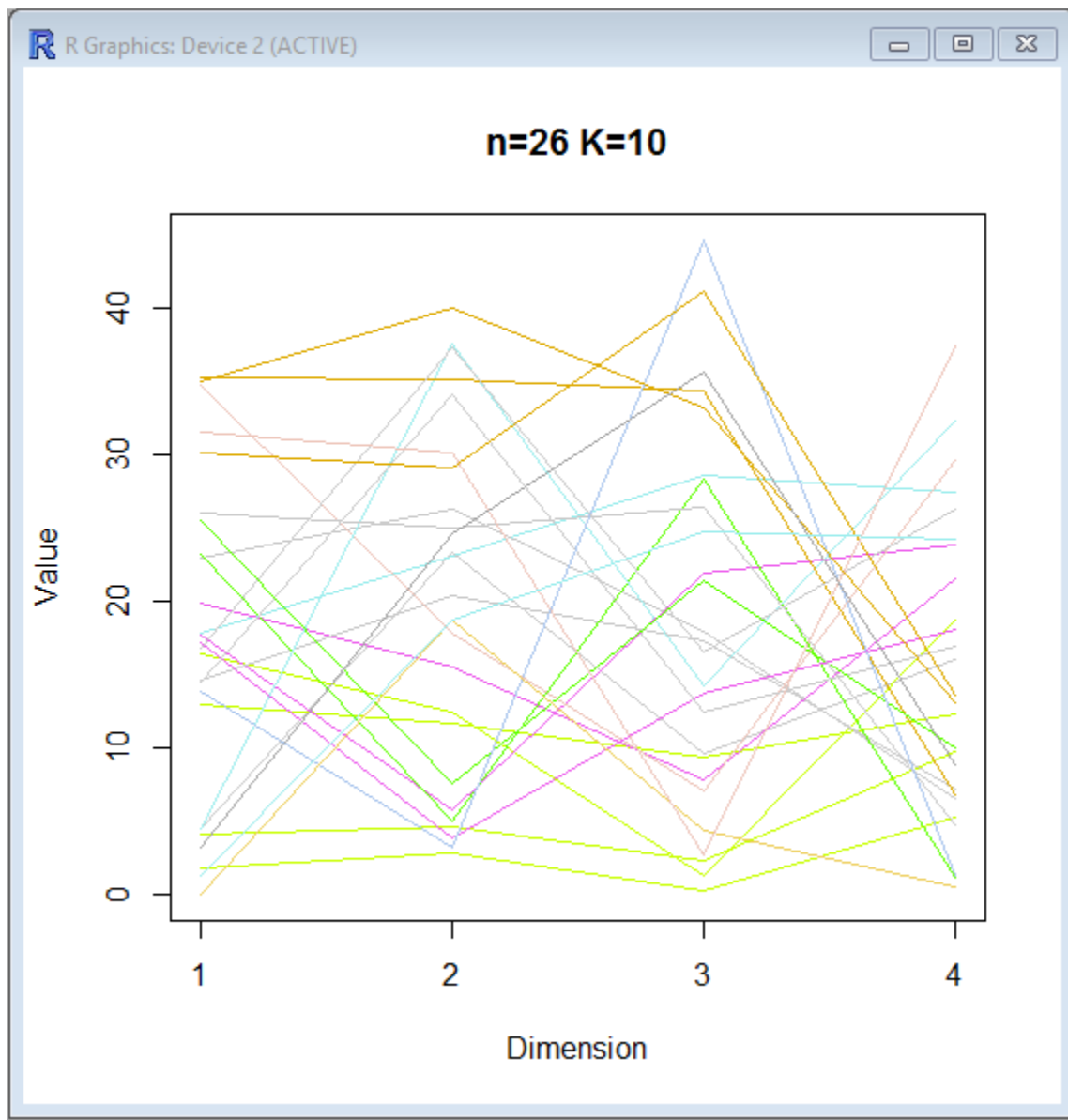
K-MEANS



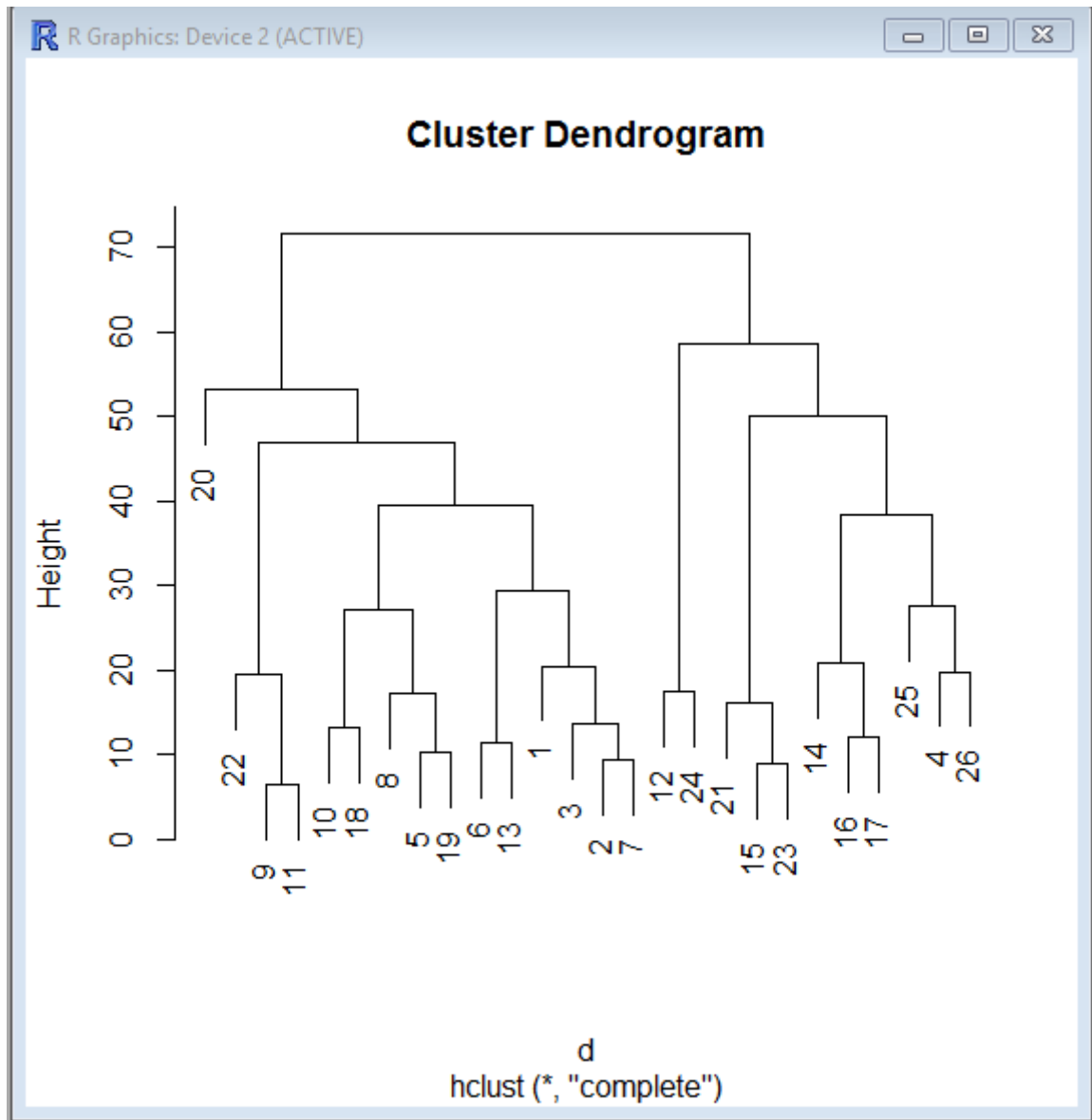
K-MEDIANS



EXPECTATION MAXIMIZATION (EM)



HIERARCHICAL CLUSTERING



2.

QUESTION:

Watch Application

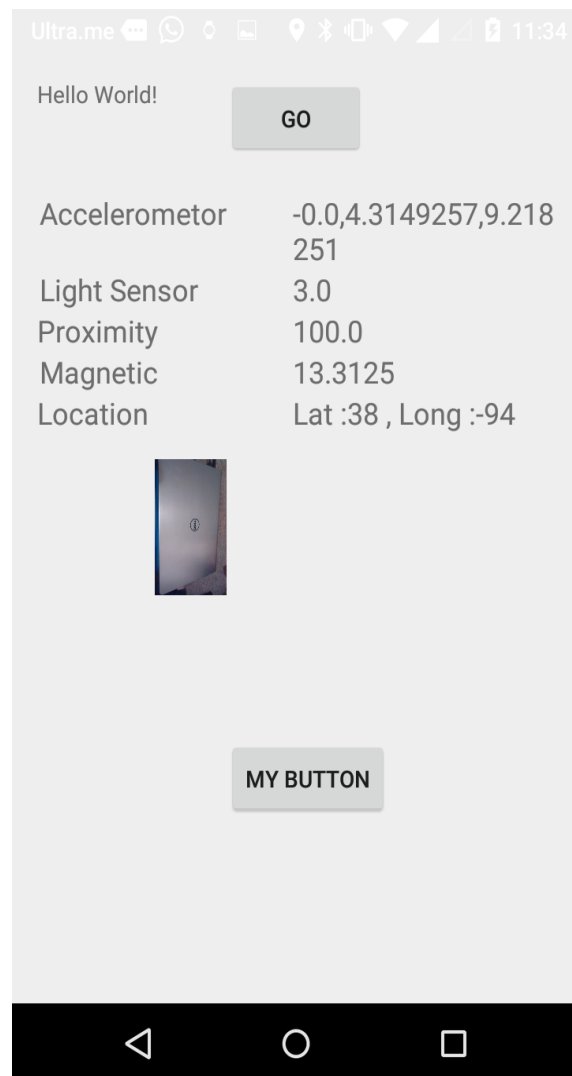
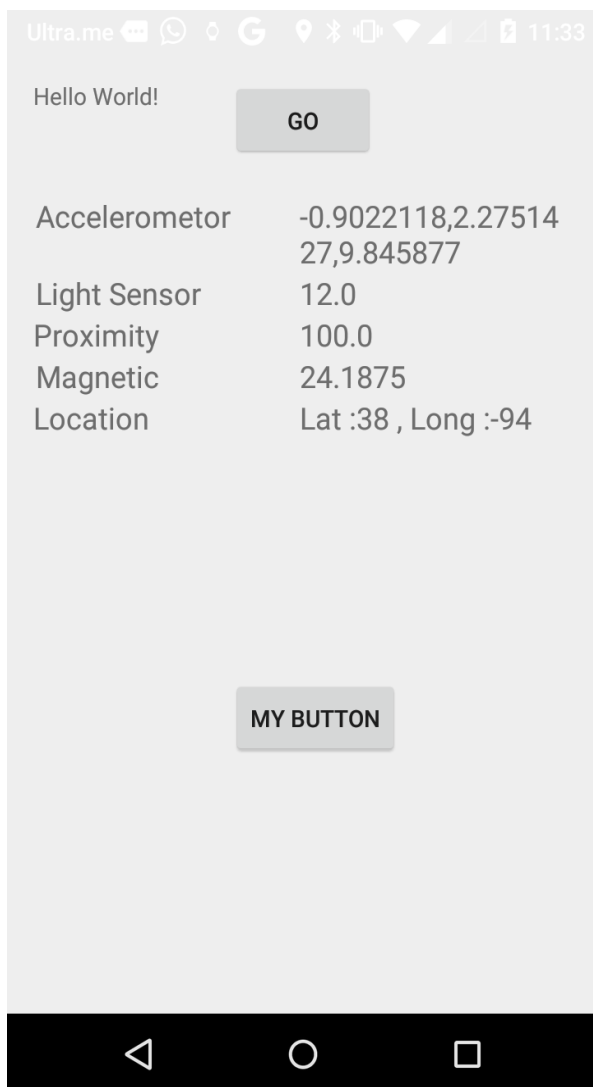
Data collection related to your own project through Smart Phone and Watch, send notifications to watch using intuitive data analysis.

DESCRIPTION:

An App is built based on sensitivity and run both on smartphone and smartwatch.

SCREENSHOTS:

On Android Mobile



On Android wear (Smart Watch)

Hello World!

GO

Accelerometer 0.60333884,3.8738184,9.112331

Light Sensor 5.0

Proximity Medium Text

Magnetic Medium Text

Location Location not available

MY BUTTON