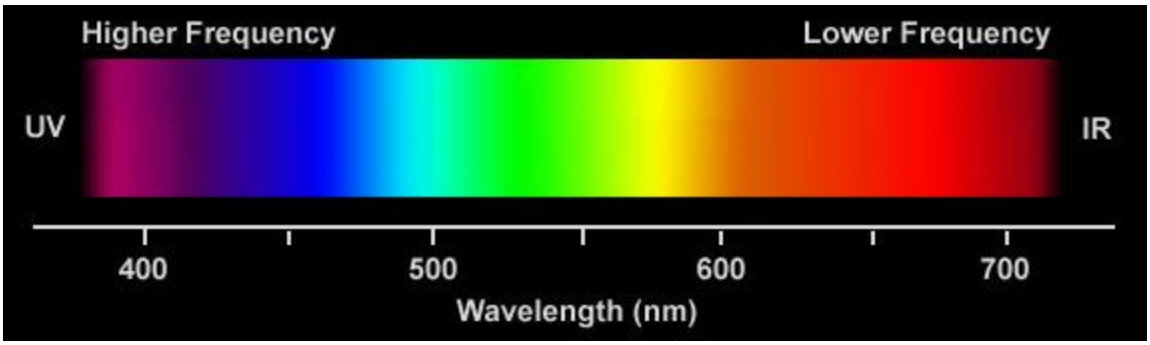
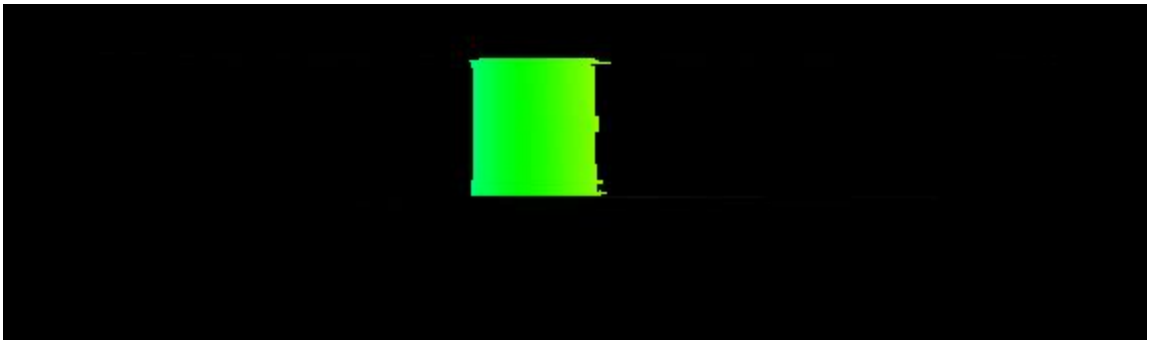
Assignment 4 - Documentation

Part A

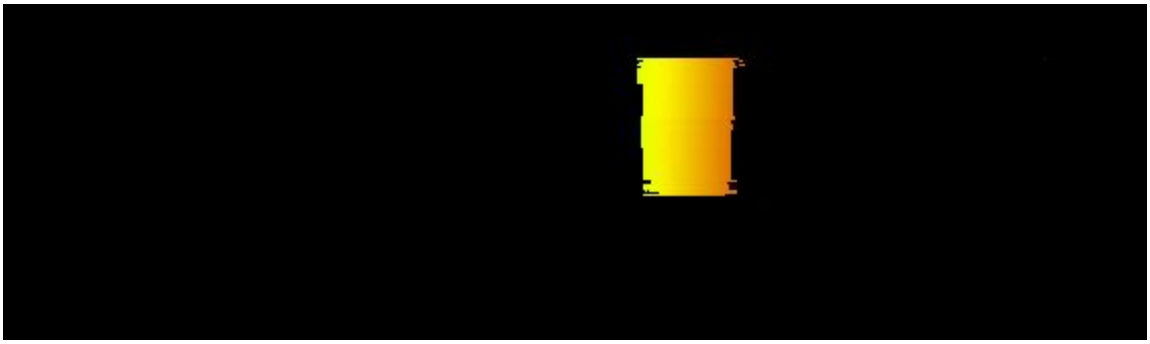


Test Image



Green Band

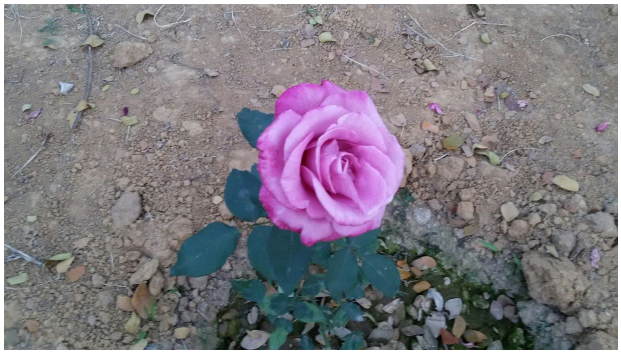
Violet Band

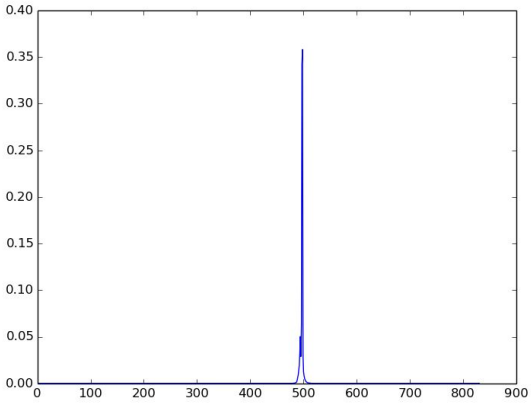


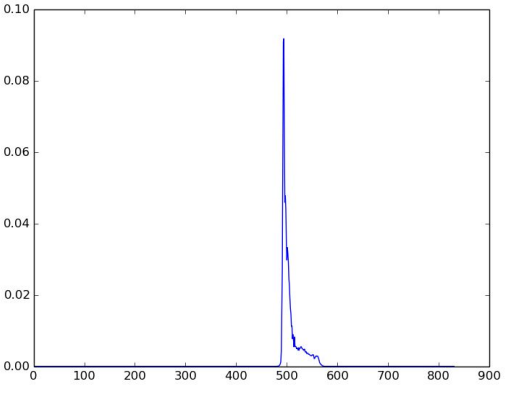
Yellow Band

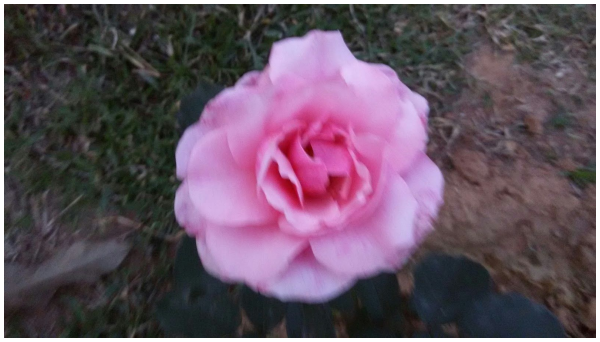
Part B

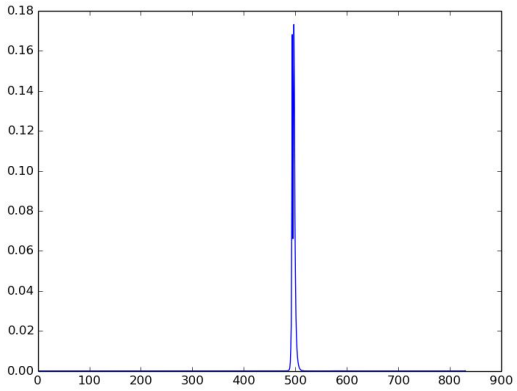
Left Half shows the Images and Right Half shows the corresponding Histograms.







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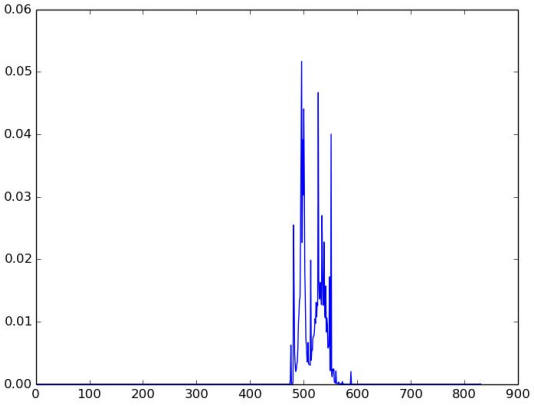
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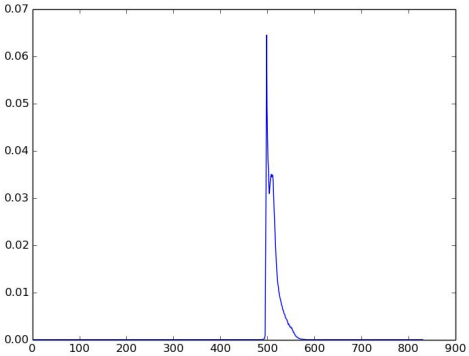
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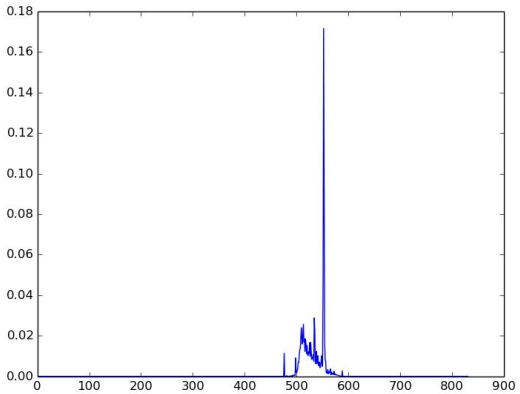
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Part C

The below table shows the cluster assignment using the values for k=2,3,4

Filename	k=2	k=3	k=4
20160201_174118.jpg	1	1	2
20160201_173013.jpg	0	0	1
20160206_093236.jpg	1	1	2
20160201_174109.jpg	1	2	3
20160201_173051.jpg	0	1	2
20160206_093336.jpg	1	2	0
20160212_110031.jpg	1	2	0
20160206_093347.jpg	1	2	0
20160211_091031.jpg	1	1	2
20160201_173406.jpg	1	1	2
20160206_093427.jpg	1	2	0
20160212_105605.jpg	1	1	2
20160212_110148.jpg	1	2	0
20160202_171728.jpg	0	1	2
20160201_173121.jpg	0	0	1
20160212_110316.jpg	1	2	0
20160201_173719.jpg	0	0	1
20160201_173812.jpg	1	1	2
20160206_093308.jpg	1	2	0
20160206_093456.jpg	1	2	0
20160211_091110.jpg	1	2	0