Assignment-5

(Total: 20 marks)

1. Implement Self-organising Feature Map and Fuzzy-C-means to cluster the samples from Iris dataset and compare the accuracy obtained with other implemented clustering algorithm from the previous assignment (own coding). (7+7)
2. Implement Naive Bayesian classifier to classify patterns from Iris dataset [Matlab Toolbox]. (2)
3. Implement Bayesian classifier using Fitdist() to automatic estimation of distribution from Iris dataset [Matlab Toolbox]. (4)