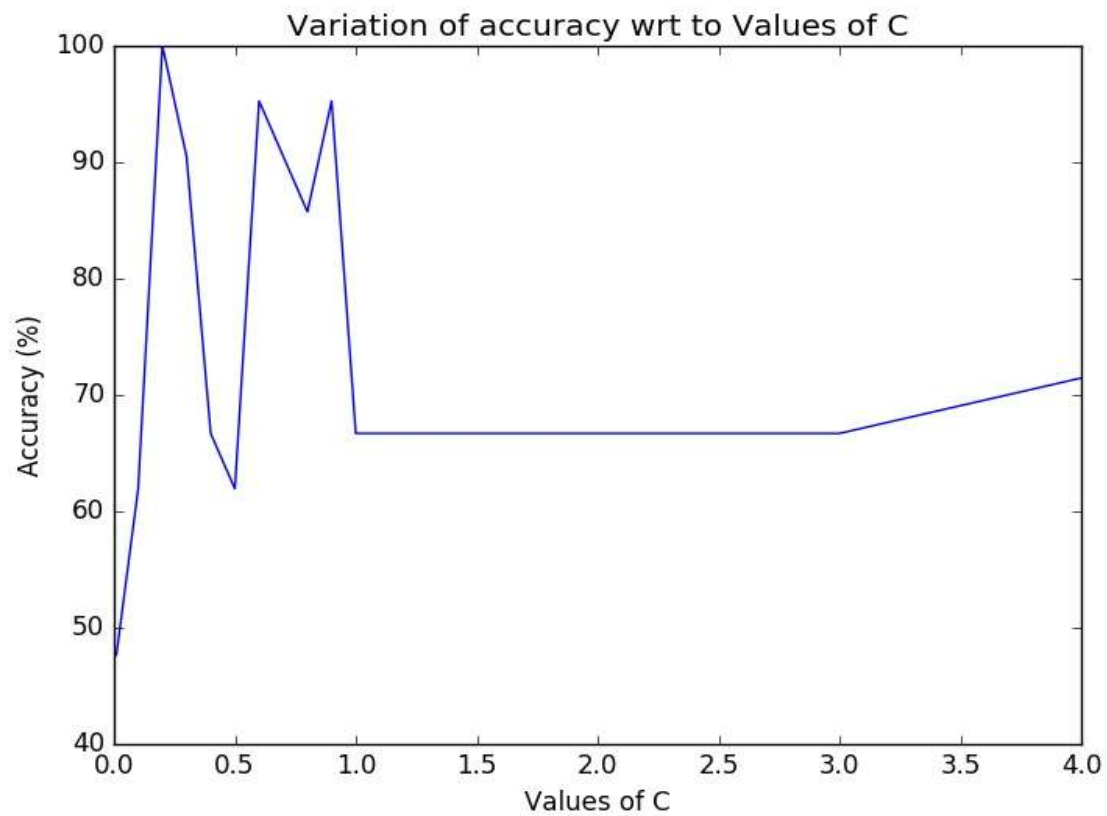


Qs 2))

SVM (max iteration = 1000, tolerance = 0.01)

C : 0.01	accuracy : 47.61904761904761 %
C : 0.1	accuracy : 61.904761904761905 %
C : 0.2	accuracy : 100.0 %
C : 0.3	accuracy : 90.47619047619048 %
C : 0.4	accuracy : 66.66666666666666 %
C : 0.5	accuracy : 61.904761904761905 %
C : 0.6	accuracy : 95.23809523809523 %
C : 0.7	accuracy : 90.47619047619048 %
C : 0.8	accuracy : 85.71428571428571 %
C : 0.9	accuracy : 95.23809523809523 %
C : 1.0	accuracy : 66.66666666666666 %
C : 2.0	accuracy : 66.66666666666666 %
C : 3.0	accuracy : 66.66666666666666 %
C : 4.0	accuracy : 71.42857142857143 %



Qs 3))

Multilayer Perceptron (learning_rate = 0.01, regularizing_param = 0.01, max_iterations = 2000)

hidden units = 10 accuracy = 95.23809523809523 %

hidden units = 20 accuracy = 100.0 %

hidden units = 30 accuracy = 95.23809523809523 %

hidden units = 50 accuracy = 95.23809523809523 %

hidden units = 100 accuracy = 100.0 %

