a2_figures

Question 1(b): the fitted function (K=3)

Question 1(c): the fitted function (K=9)

Question 1(d): the fitted function (K=12)
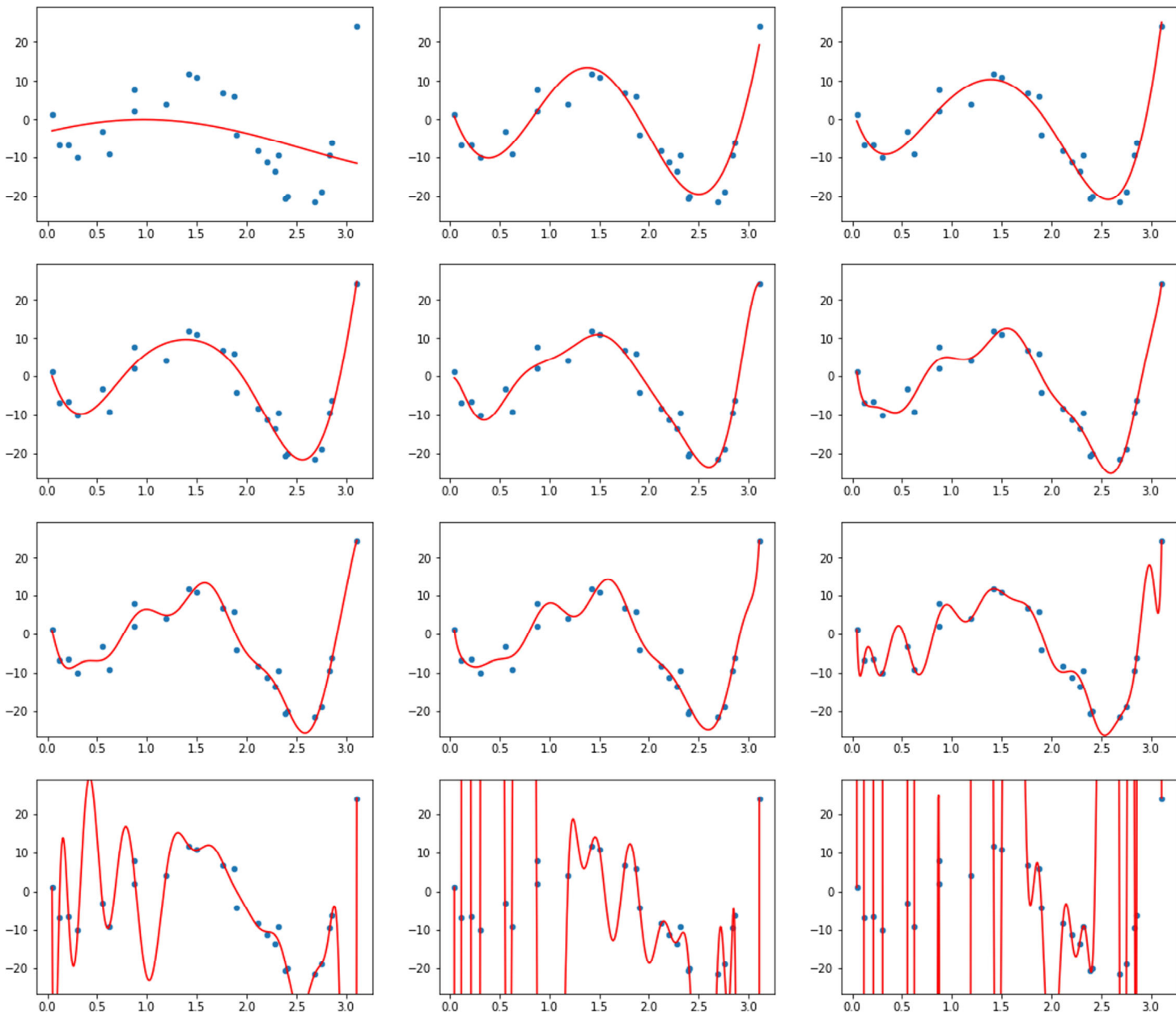
Question 1(e):fitted functions for many values of K.

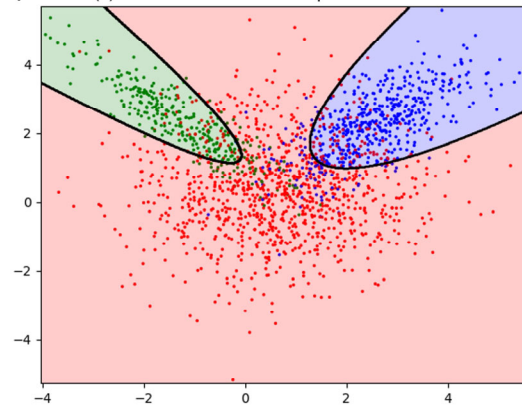Question 1(f): mean training and validation error
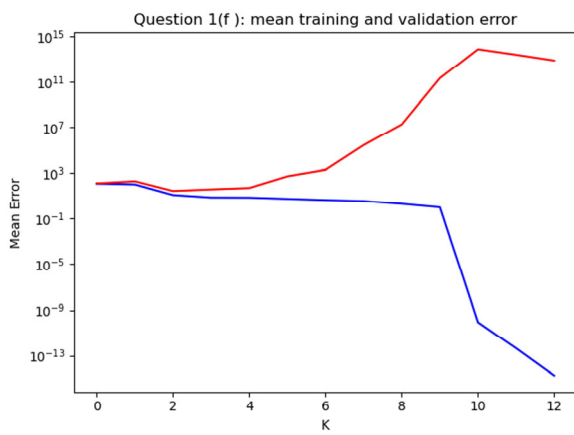
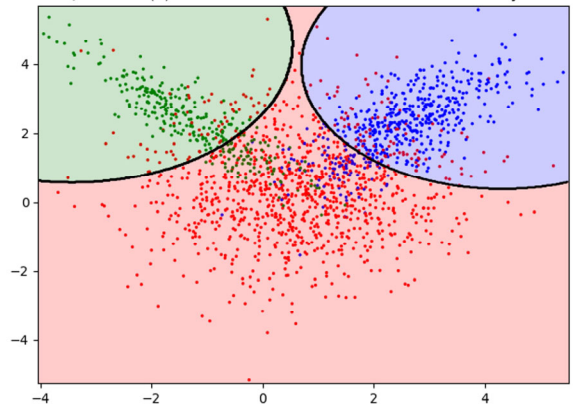Question 1(f): the best fitting function
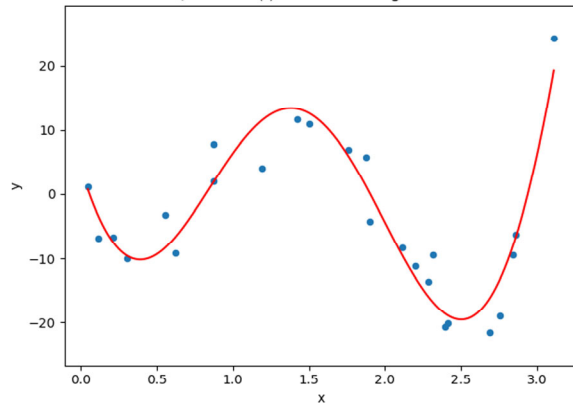
Question 2(b): decision boundaries for logistic regression
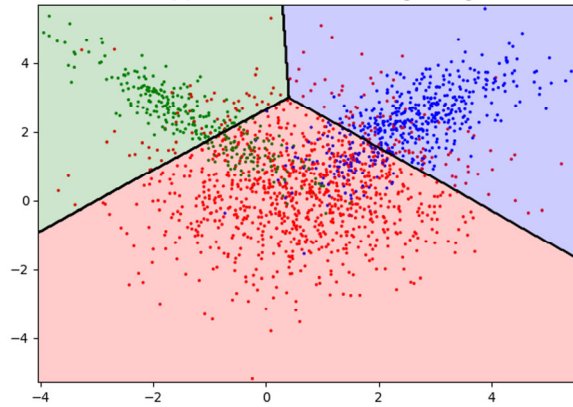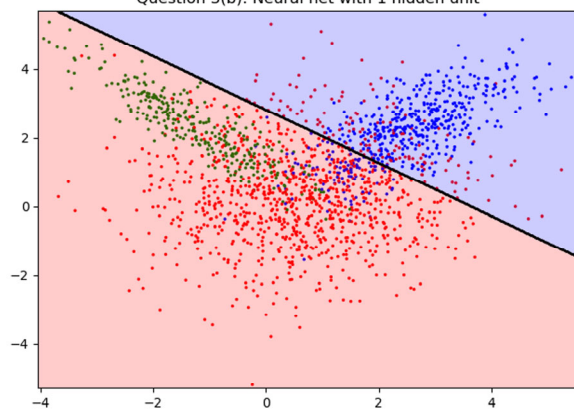

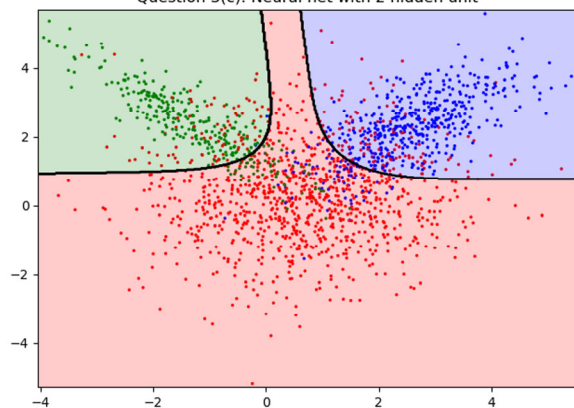Question 2(c): decision boundaries for quadratic discriminant analysis
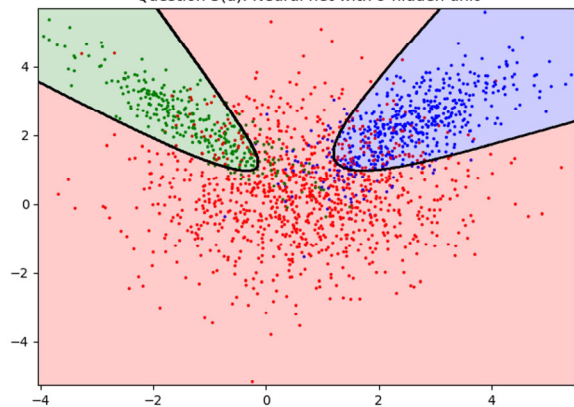

Question 2(d): decision boundaries for Gaussian naive Bayes.
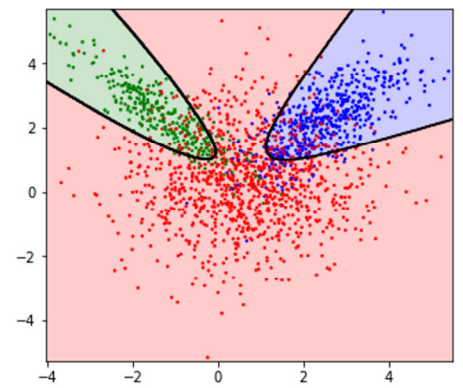
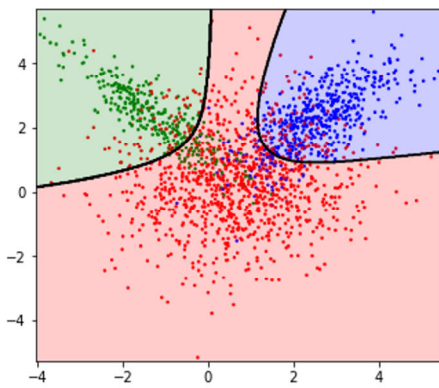Question 3(b): Neural net with 1 hidden unit

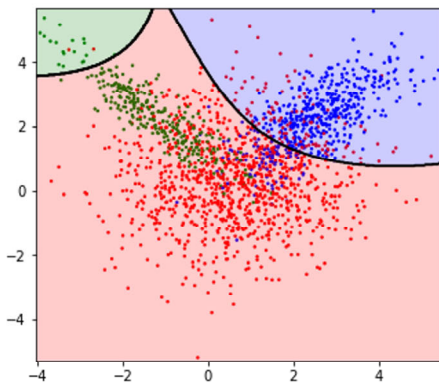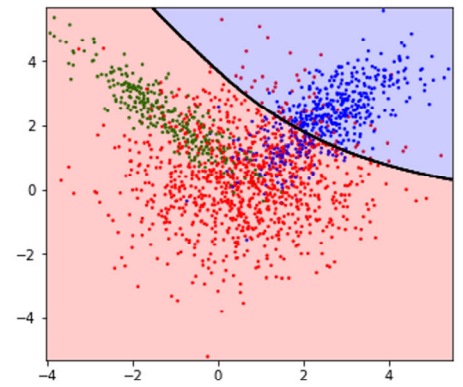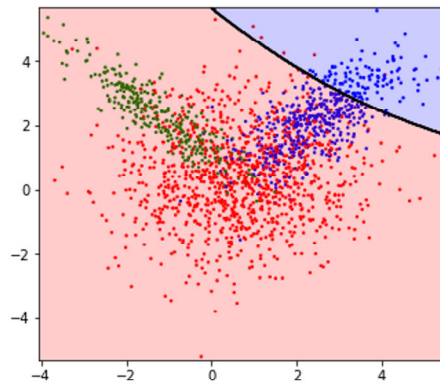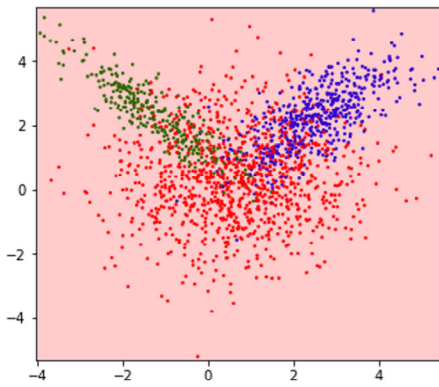Question 3(c): Neural net with 2 hidden unit
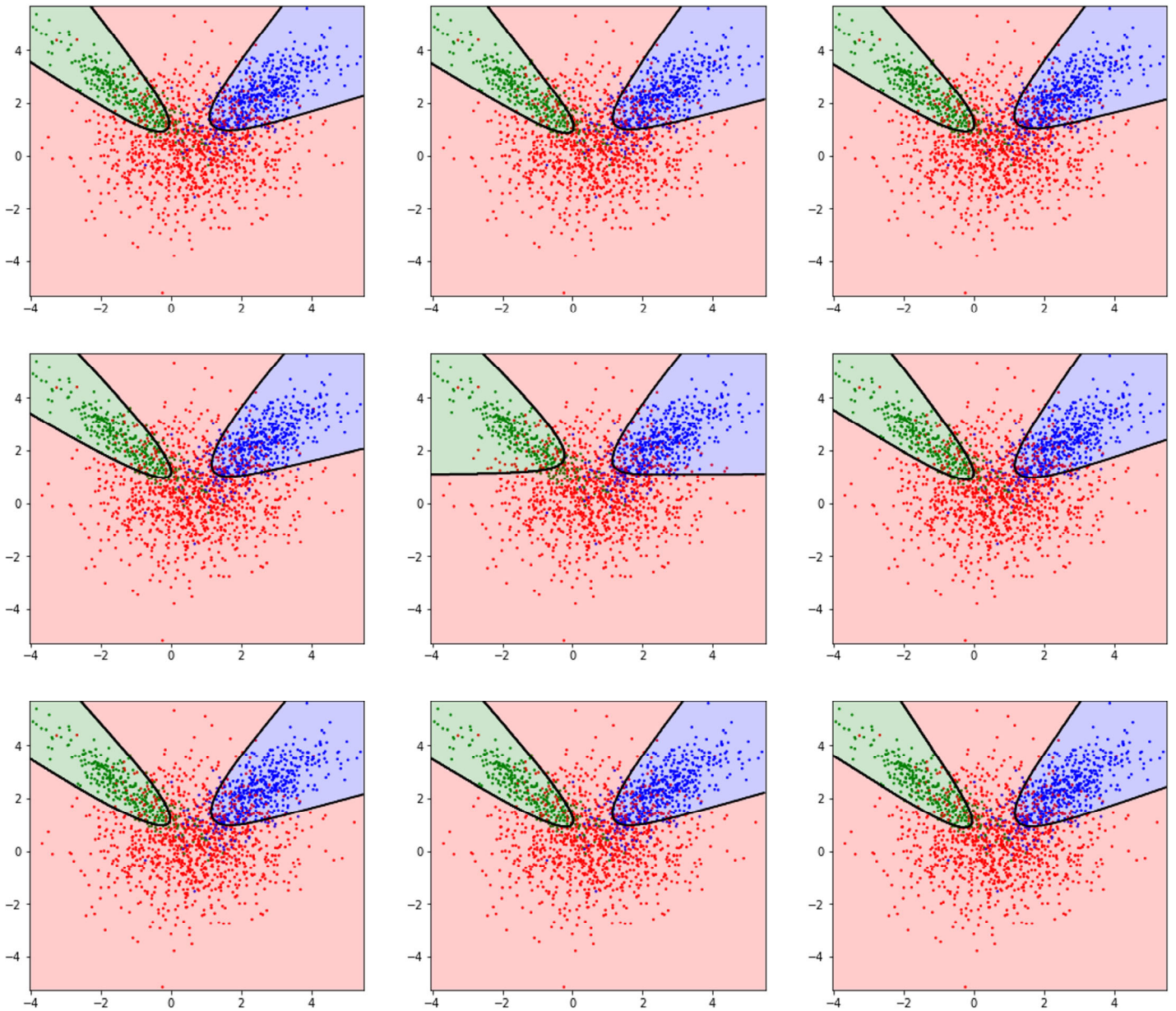

Question 3(d): Neural net with 9 hidden unit

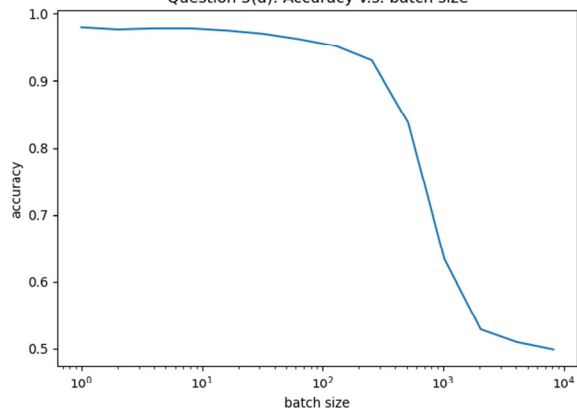Question 3(e): different numbers of epochs.
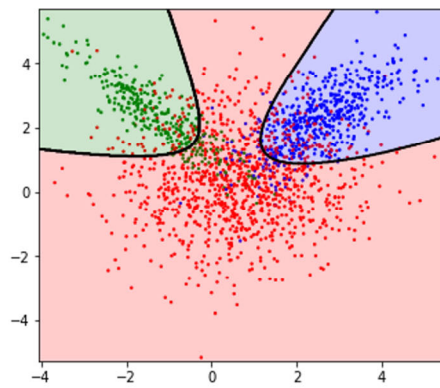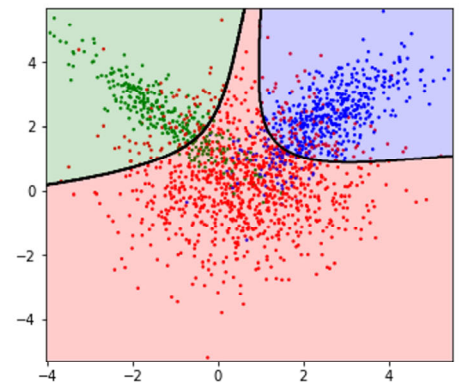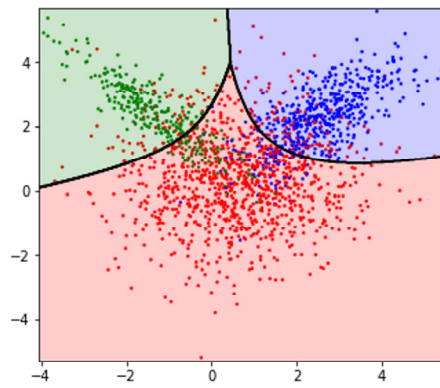
Question 3(f): different initial weights

Question 5(d): Accuracy v.s. batch size

Question 5(d): Cross entropy v.s. batch size