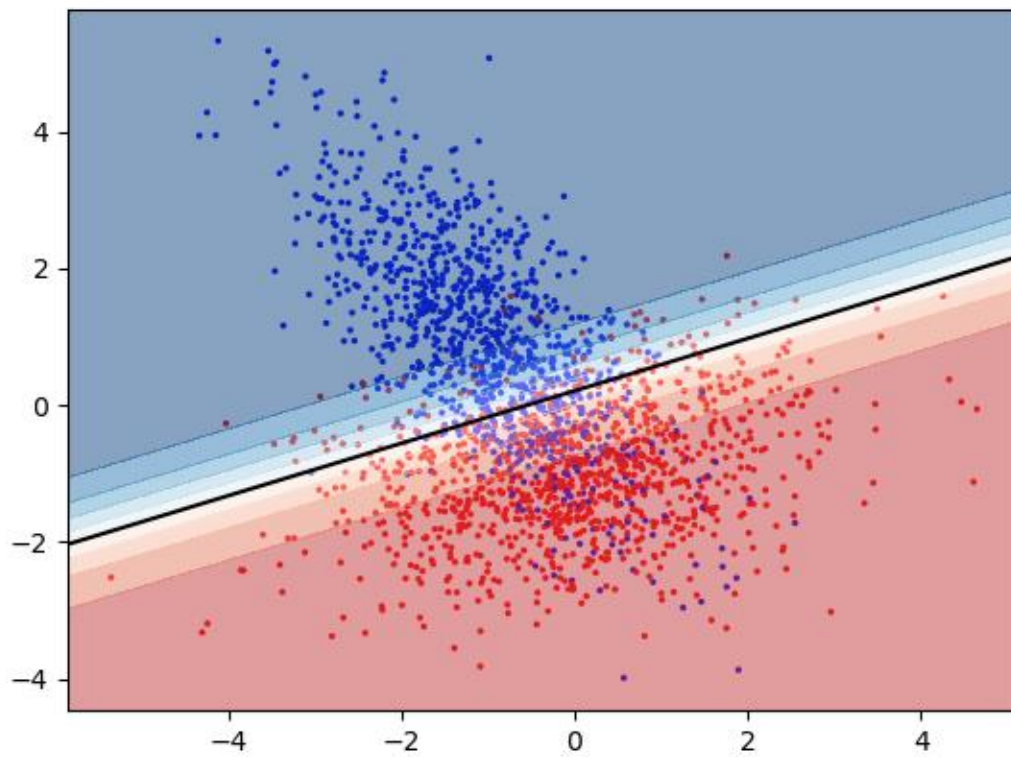
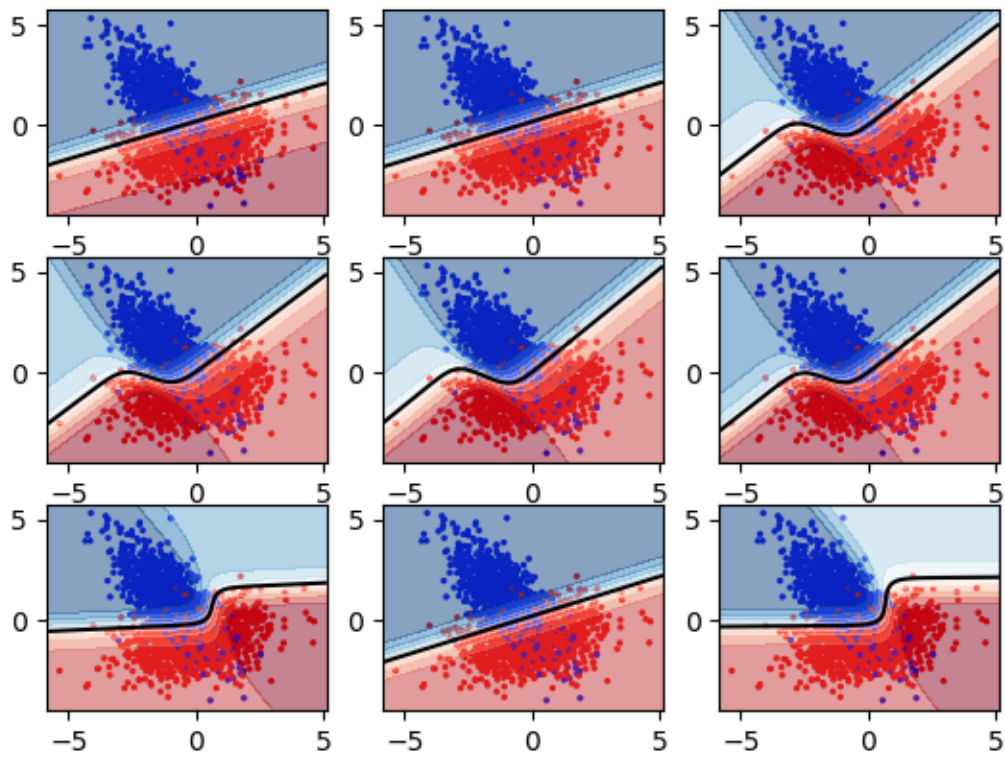


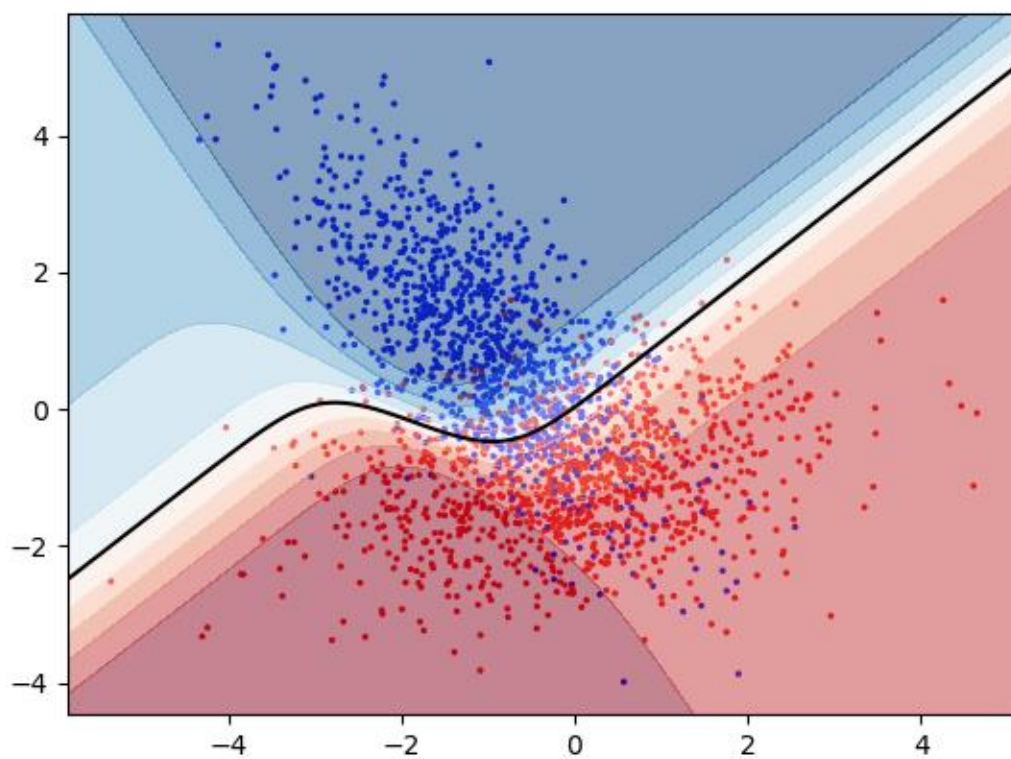
Question 1(b): Neural net with 1 hidden unit



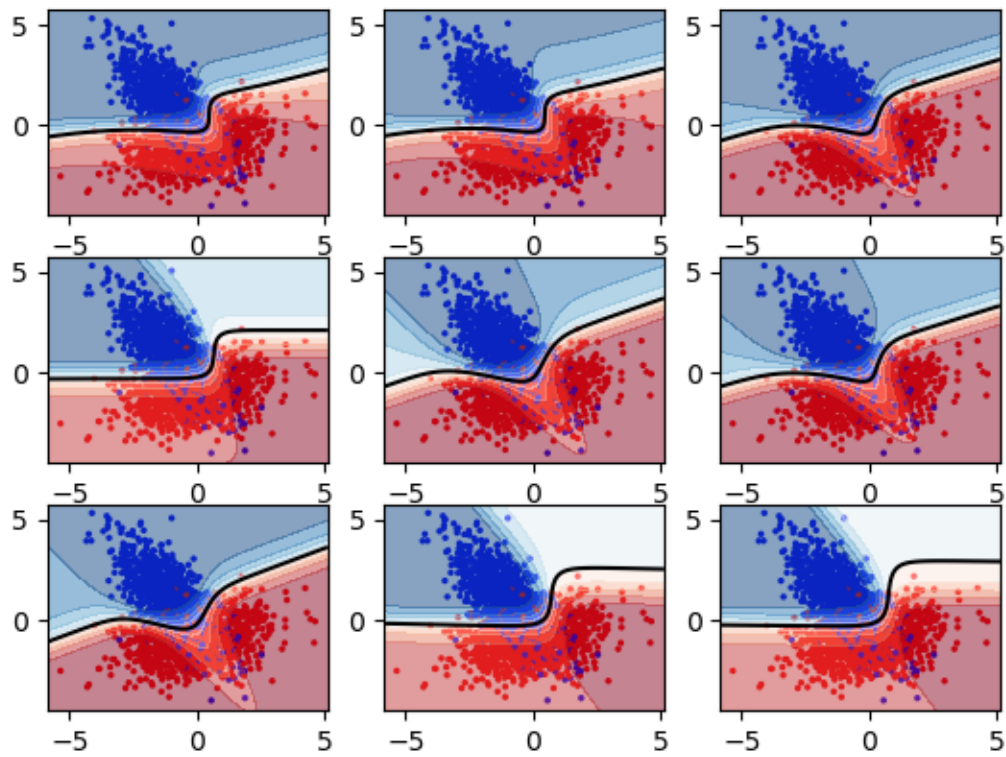
Question 1(c): Neural net with 2 hidden units



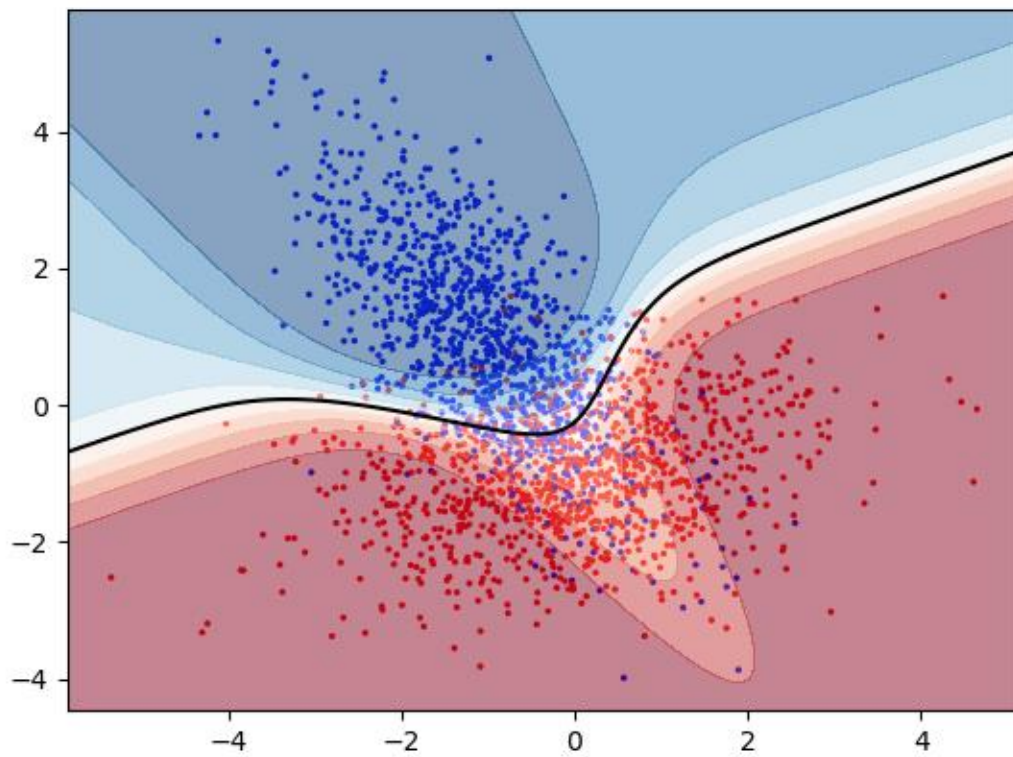
Question 1(c): Best neural net with 2 hidden unit



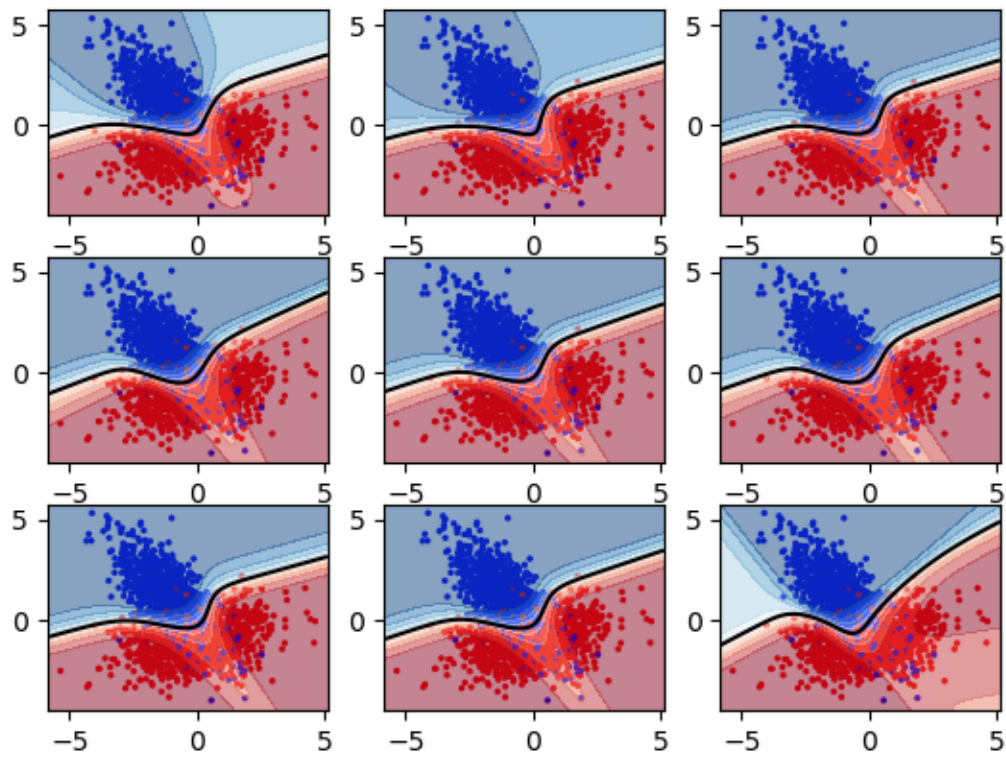
Question 1(d): Neural net with 3 hidden units



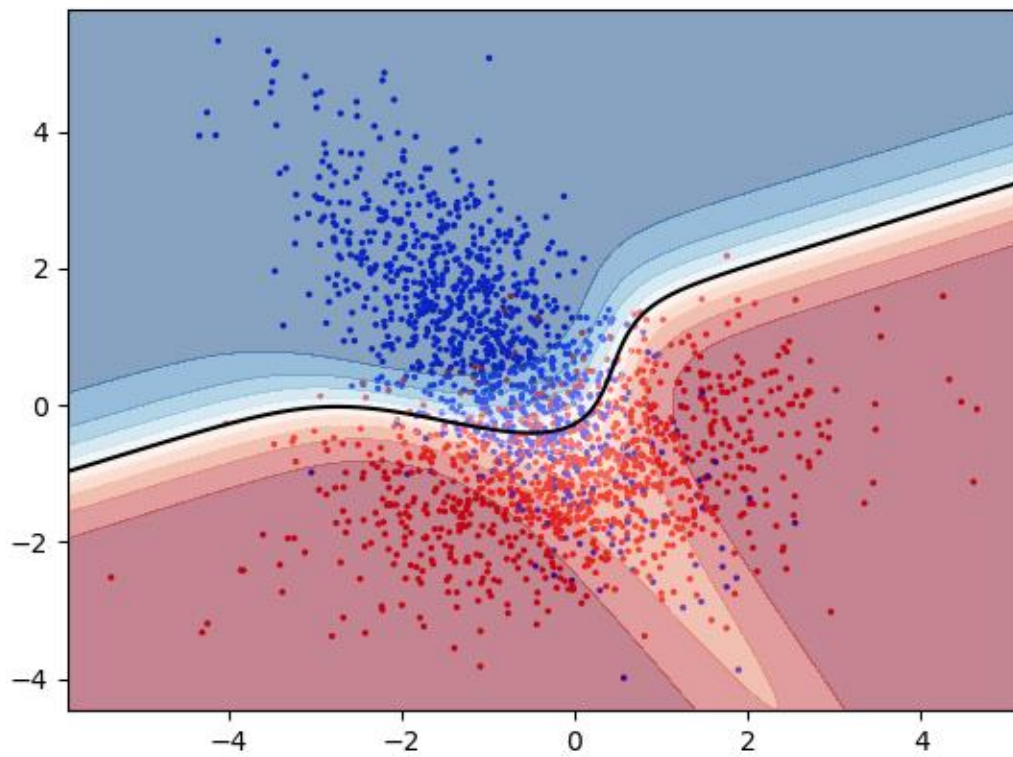
Question 1(d): Best neural net with 3 hidden unit



Question 1(e): Neural net with 4 hidden units

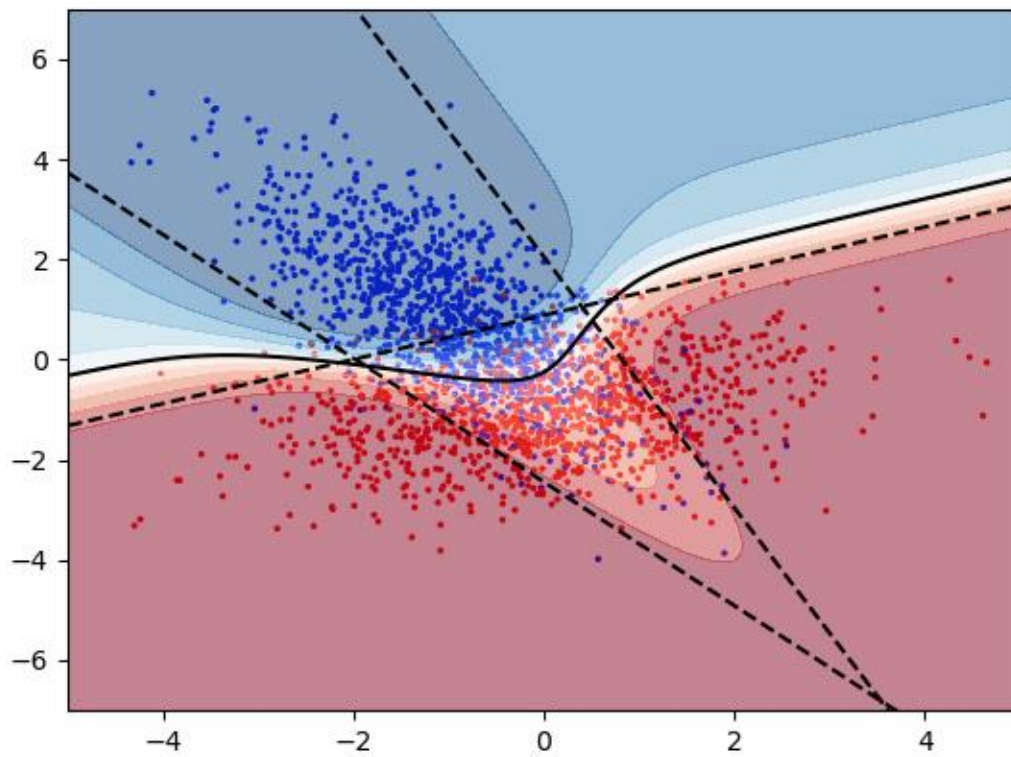


Question 1(e): Best neural net with 4 hidden unit



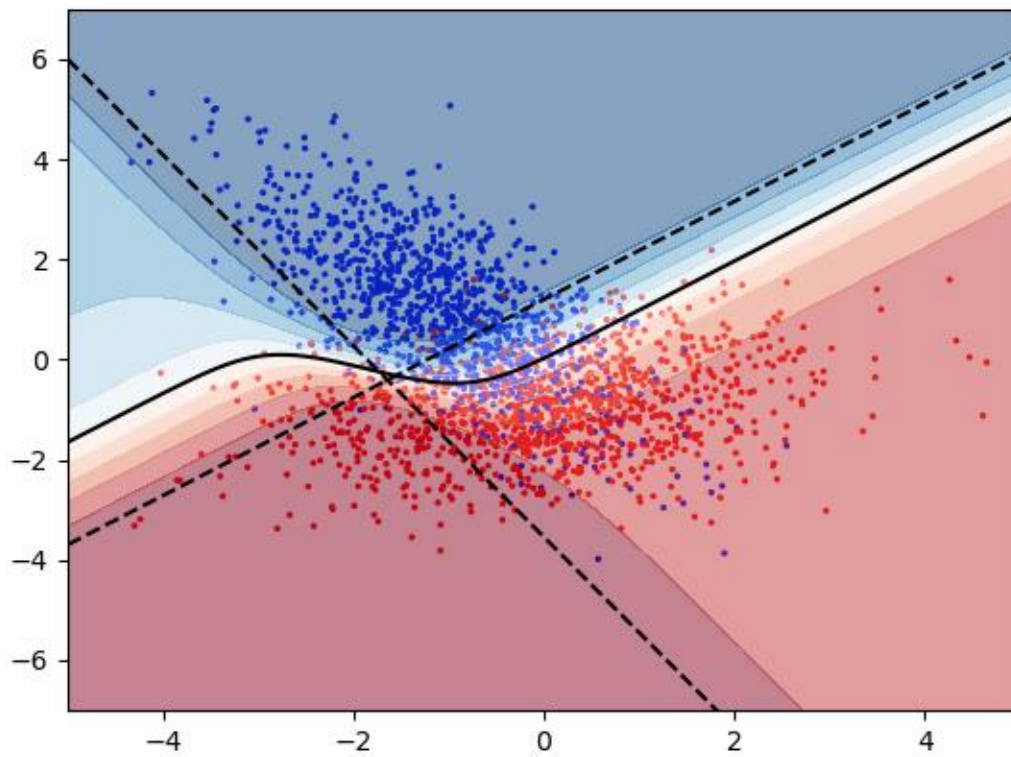


Question 1(g): Decision boundaries for 3 hidden units

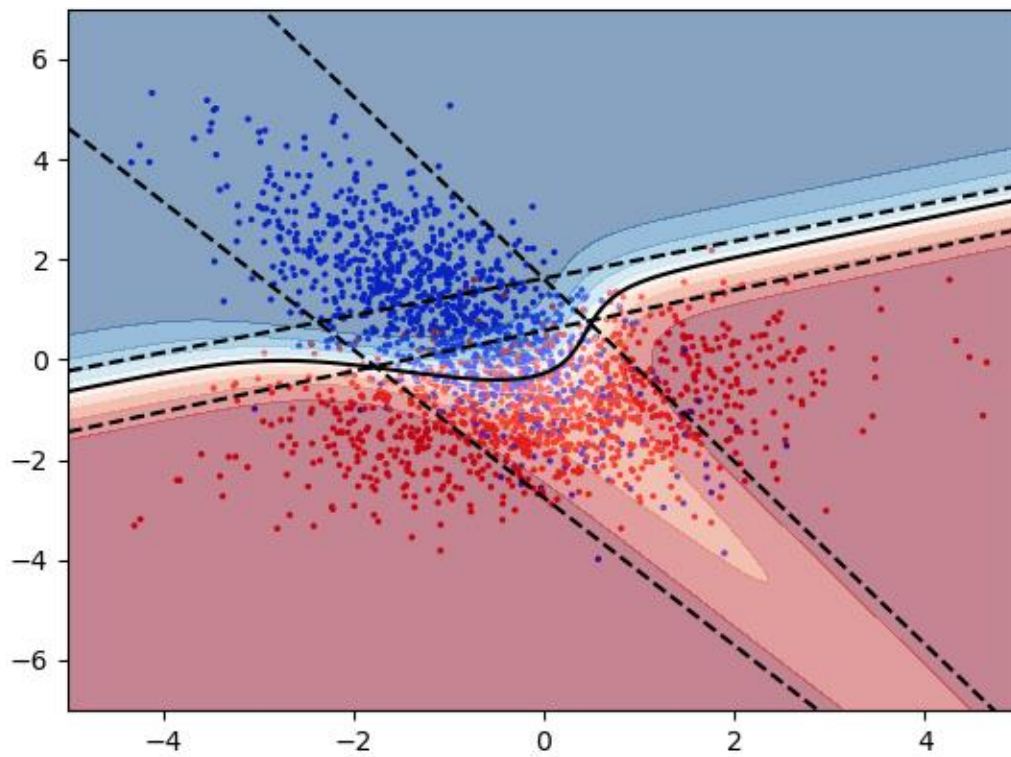




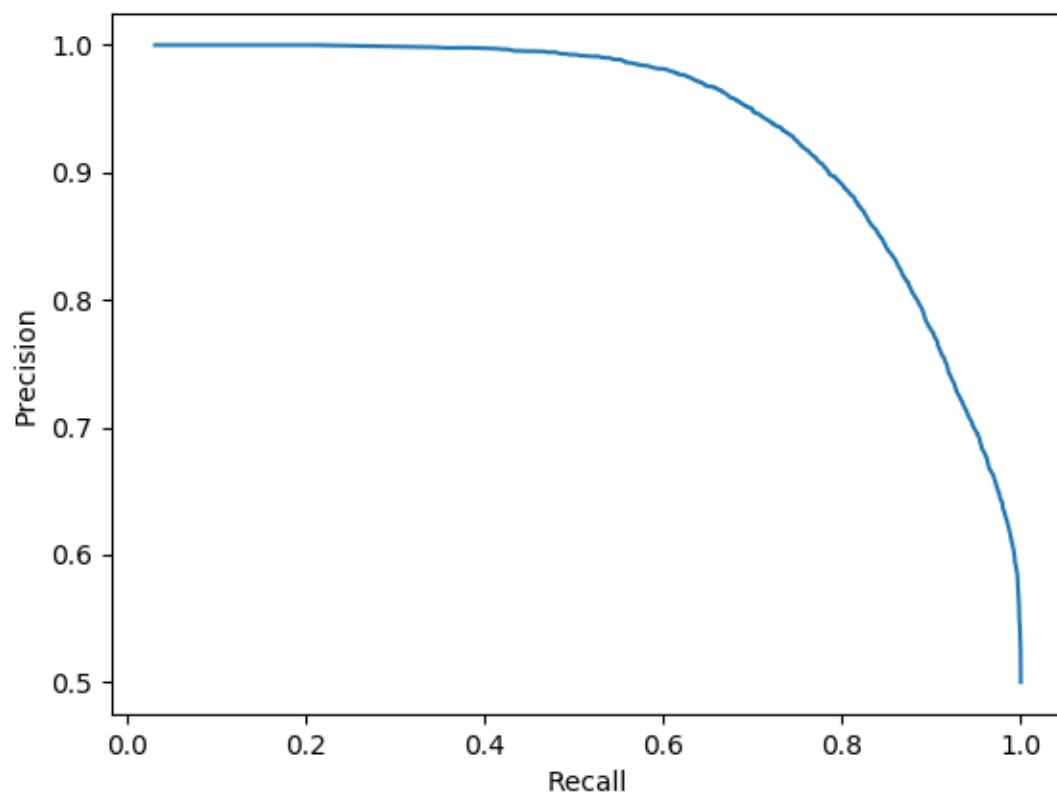
Question 1(h): Decision boundaries for 2 hidden units



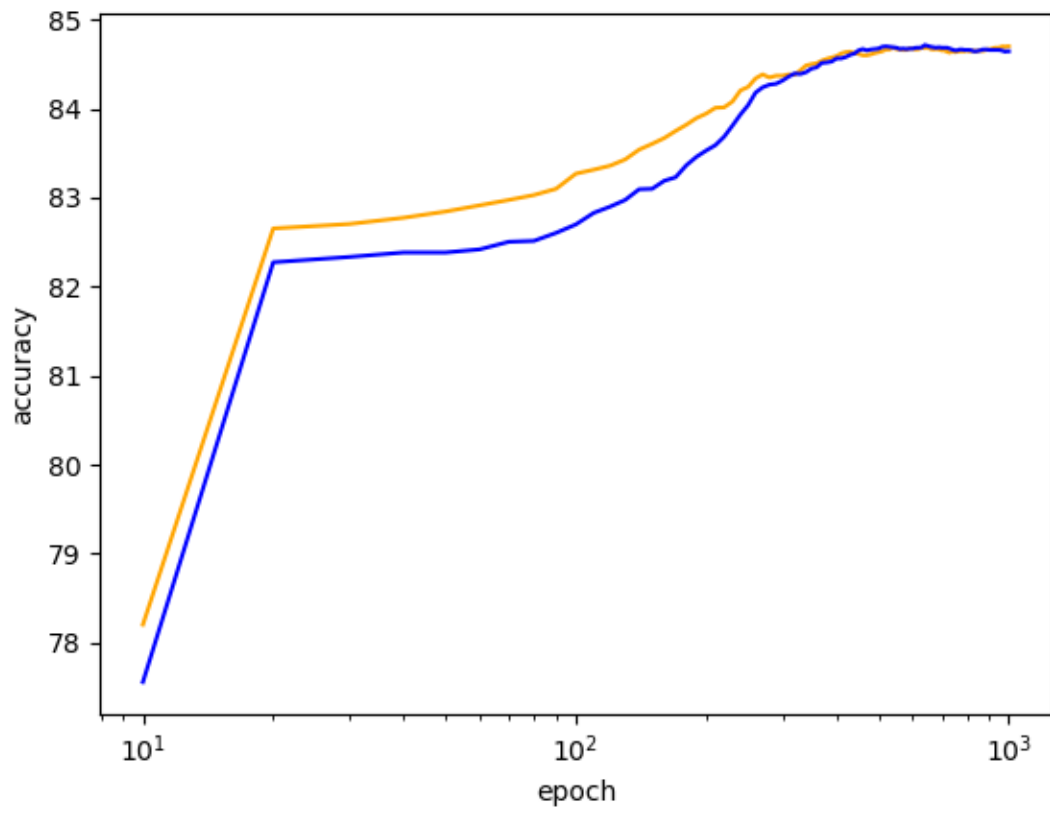
Question 1(i): Decision boundaries for 4 hidden units



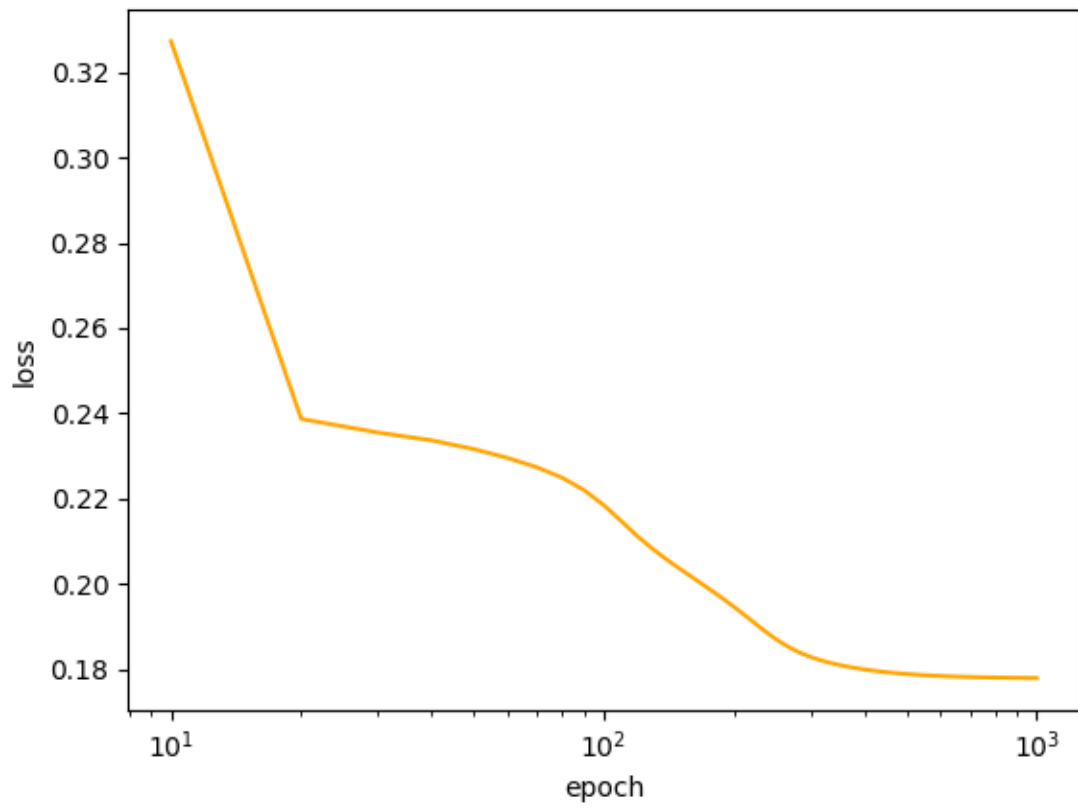
Question 1(k): Precision/recall curve



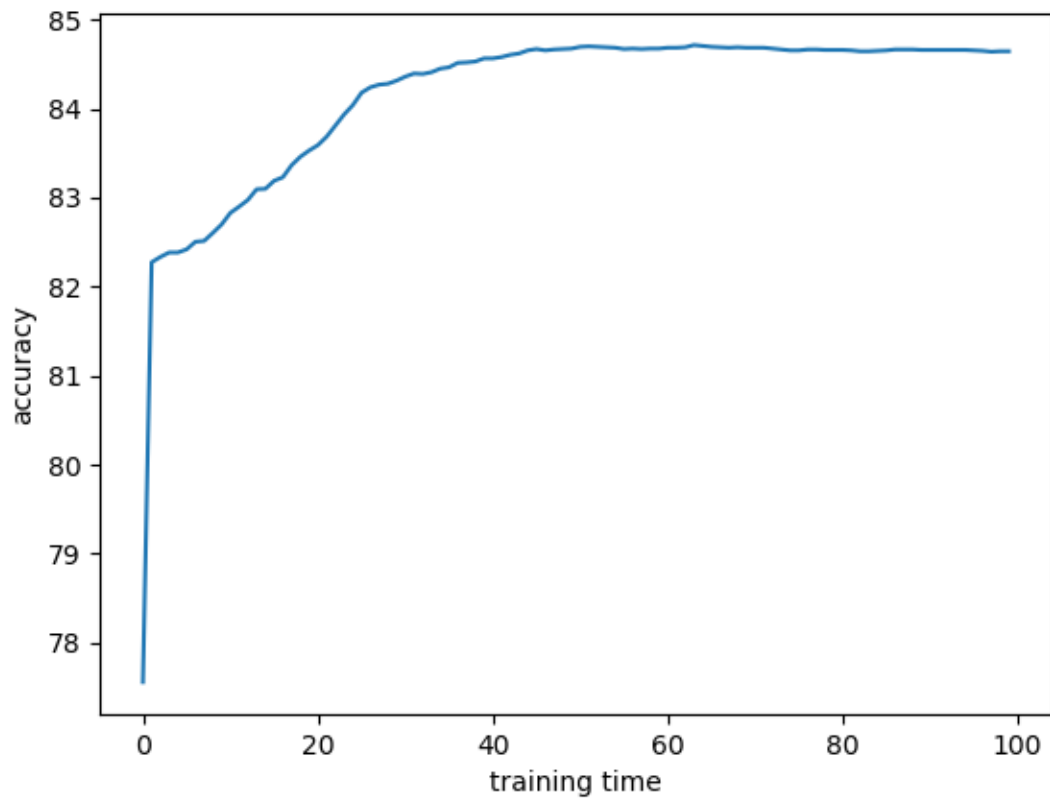
Question 3(b):training and test accuracy for bgd



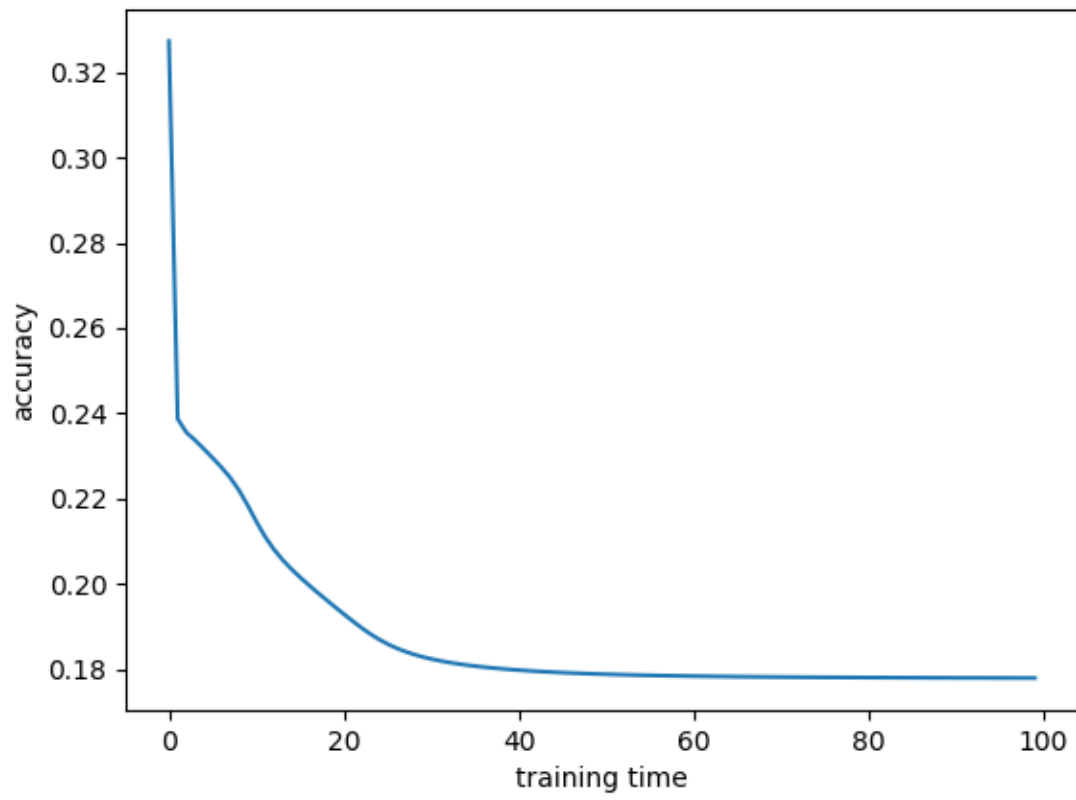
Question 3(b):training loss for bgd



Question 3(b): final test accuracy for bgd

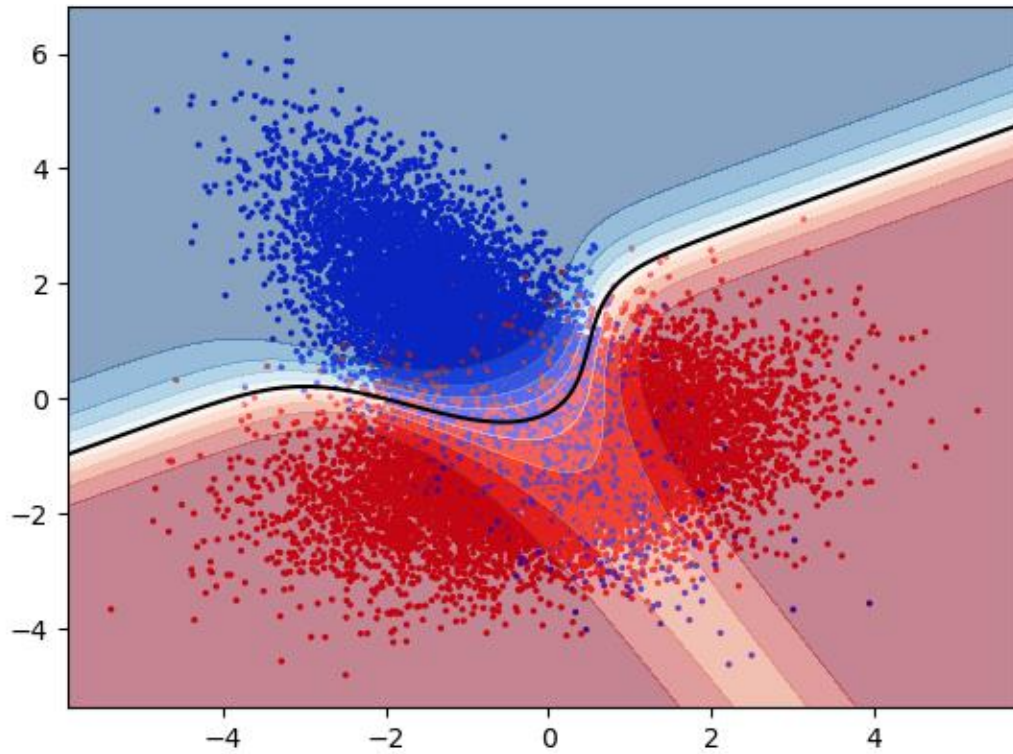


Question 3(b): final training loss for bgd

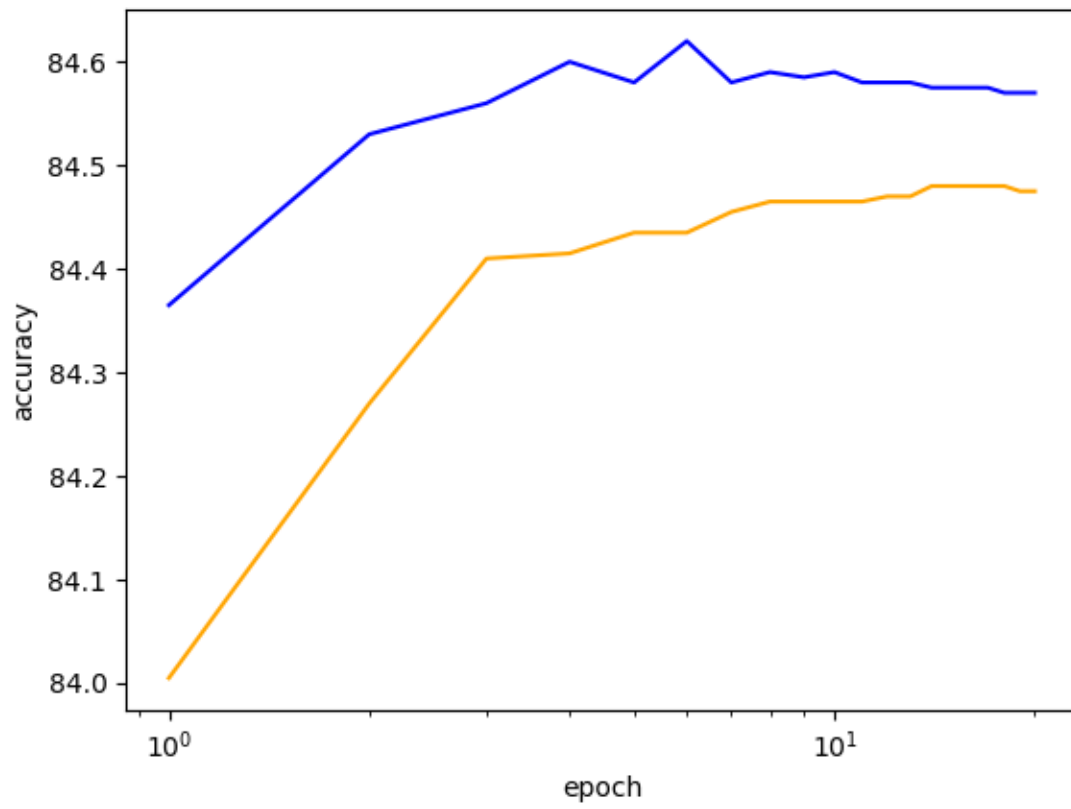




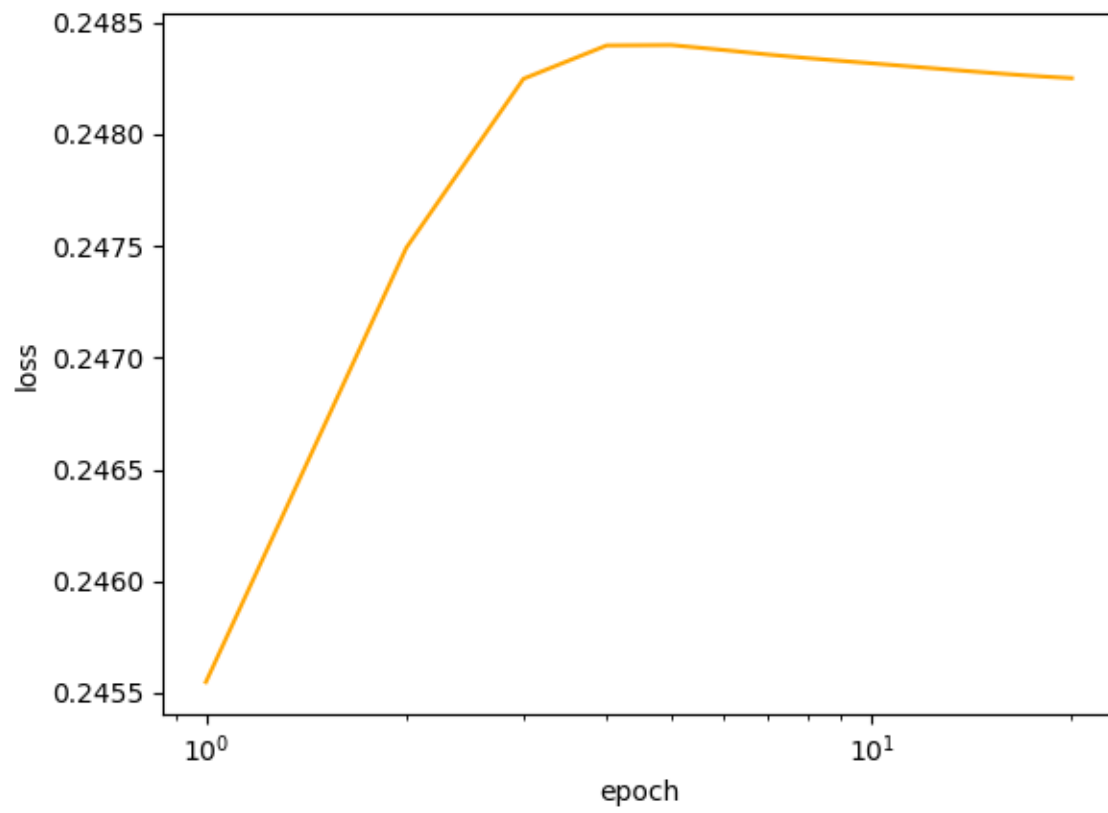
Question 3(b): Decision boundary for my neural net



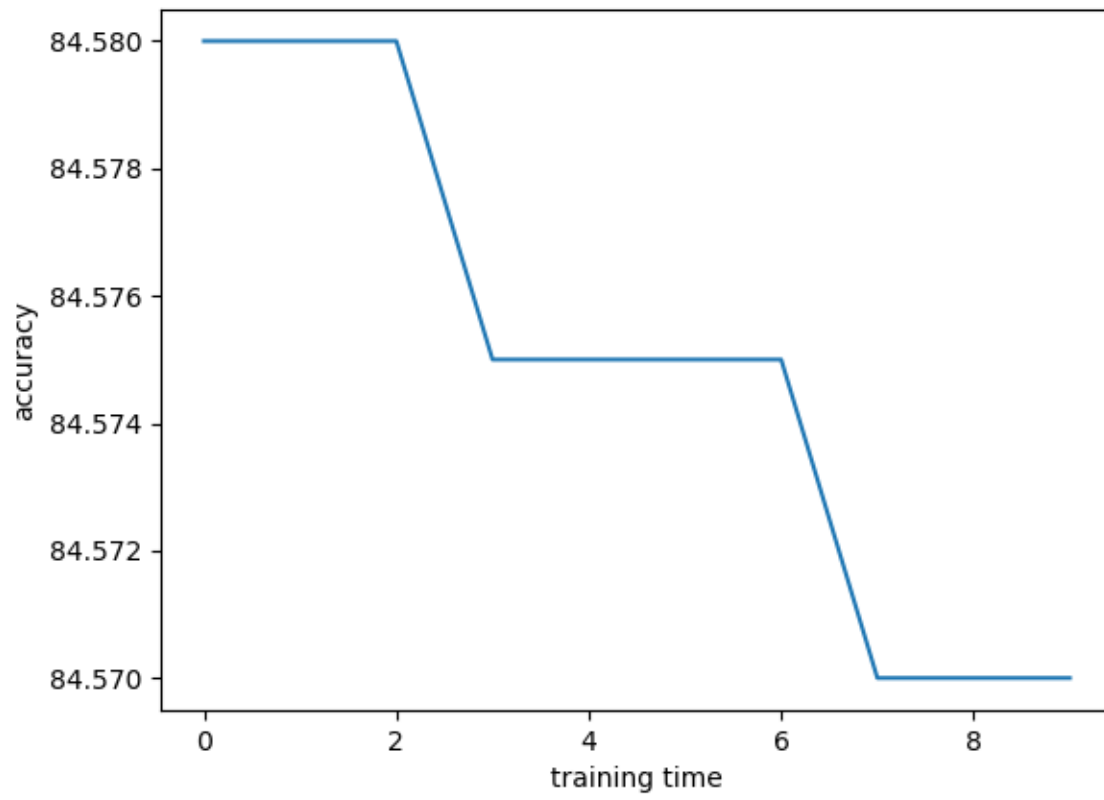
Question 3(c):training and test accuracy for bgd



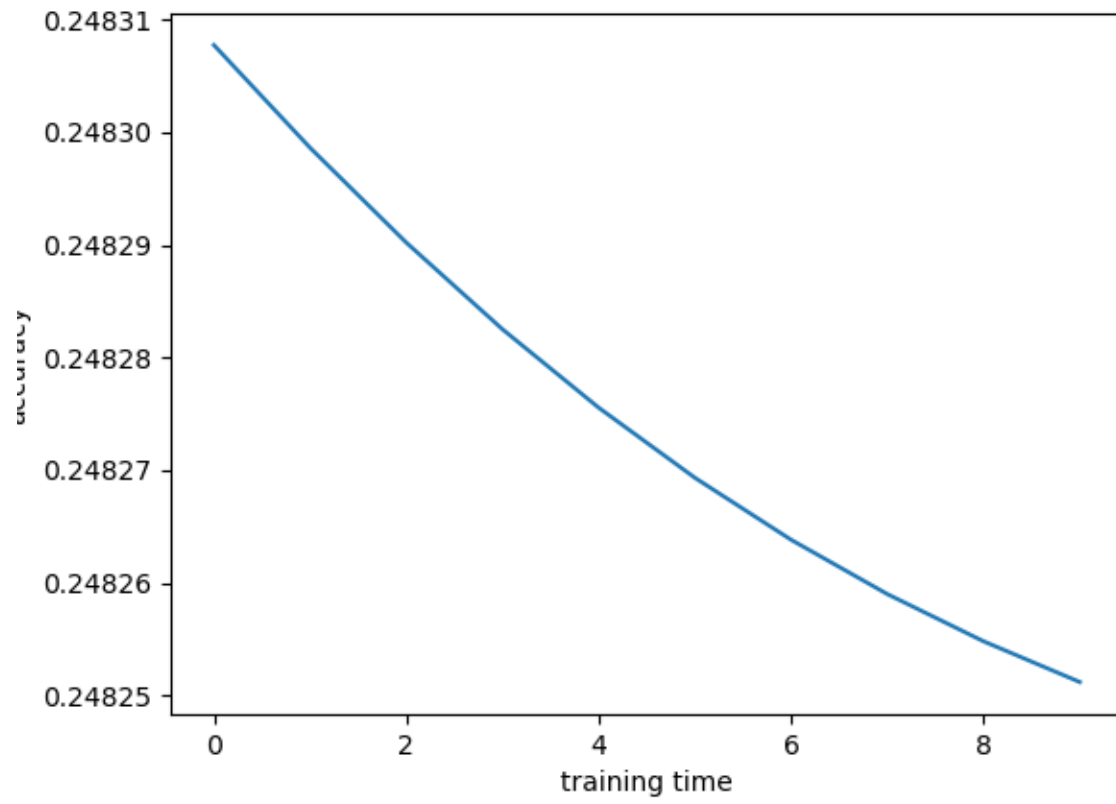
Question 3(c):training loss for bgd



Question 3(c): final test accuracy for bgd



Question 3(c): final training loss for bgd



Question 3(c): Decisiom boundary for my neural net

