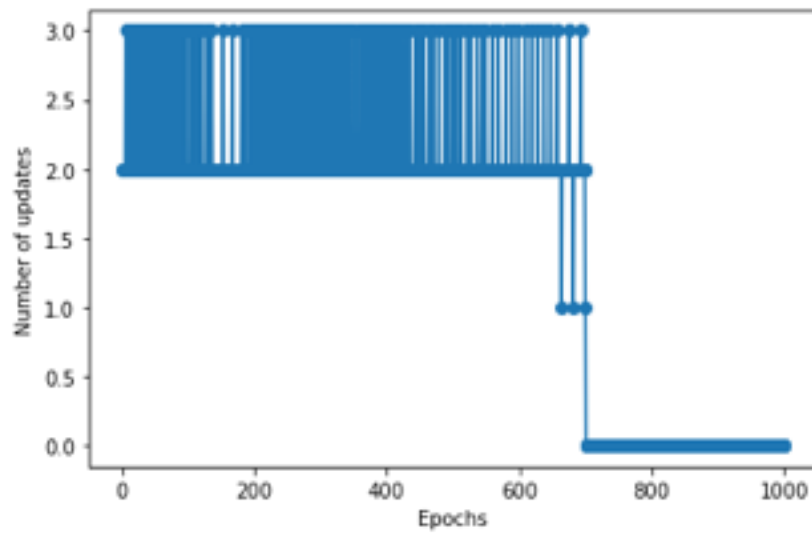
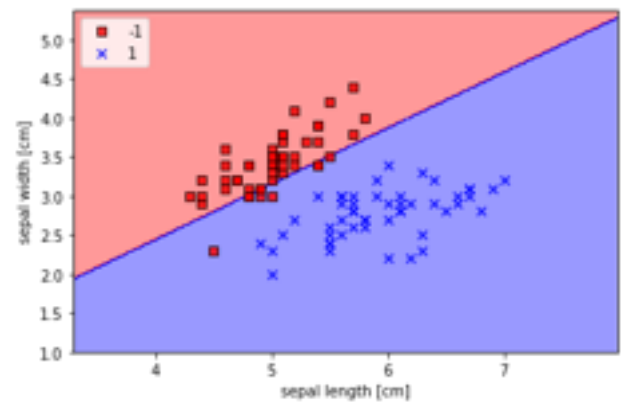
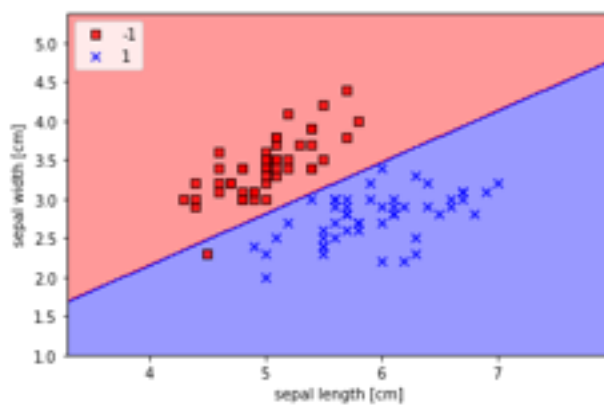
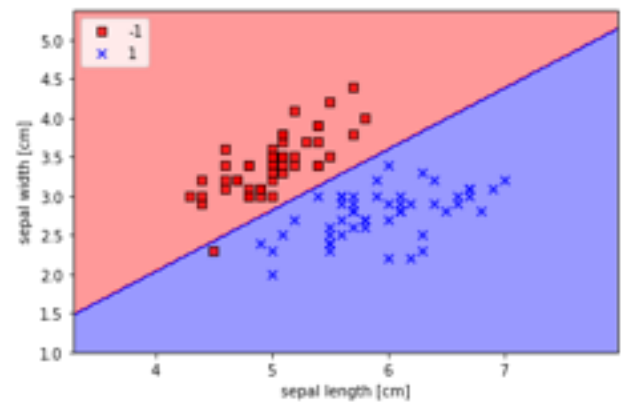
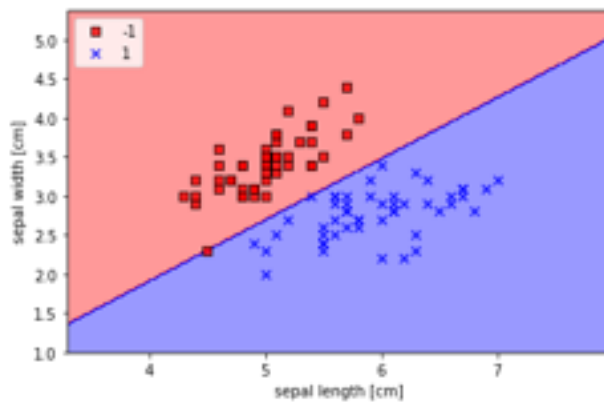


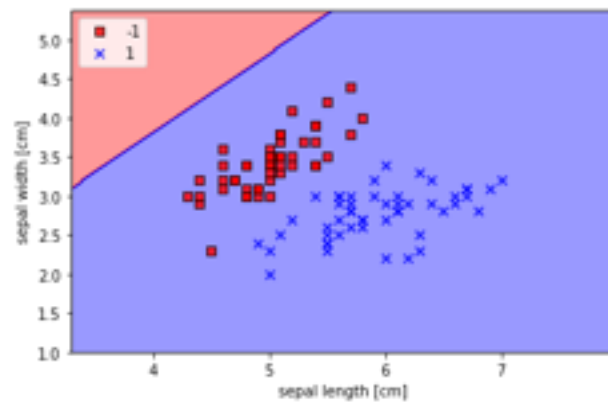
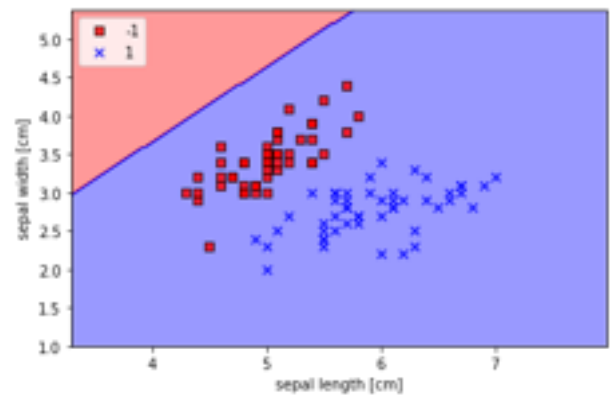
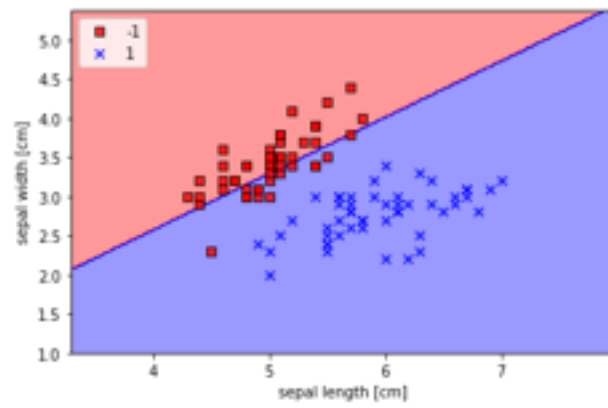
Deliverable 1:



Deliverable 2:

Graphs are in order from 1000 iteration graph down to 10 iteration graph, read left to right top to bottom. (1000, 500, 200, 100, 50, 20, 10)





Deliverable 3:

Equations are in order same as graphs above, first equation corresponds to 1000 iterations, down to 10 iterations.

This is the linear function with weights found by our algorithm for 1000 iterations: :

$$-20.14x_1 + 15.8x_2 + -24.8$$

This is the linear function with weights found by our algorithm for 500 iterations: :

$$-18.32x_1 + 14.34x_2 + -20.2$$

This is the linear function with weights found by our algorithm for 200 iterations: :

$$-16.26x_1 + 10.72x_2 + -8.0$$

This is the linear function with weights found by our algorithm for 100 iterations: :

$$-11.38x_1 + 8.14x_2 + -4.8$$

This is the linear function with weights found by our algorithm for 50 iterations: :

$$-7.78x_1 + 5.6x_2 + -2.4$$

This is the linear function with weights found by our algorithm for 20 iterations: :

$$-3.28x_1 + 3.2x_2 + -0.8$$

This is the linear function with weights found by our algorithm for 10 iterations:

$$-1.66x_1 + 1.68x_2 + -0.4$$