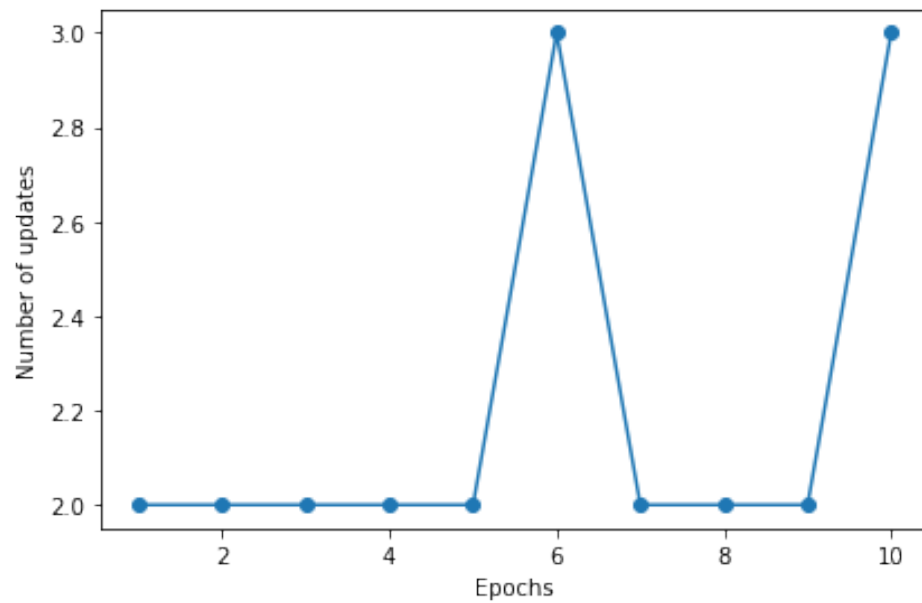
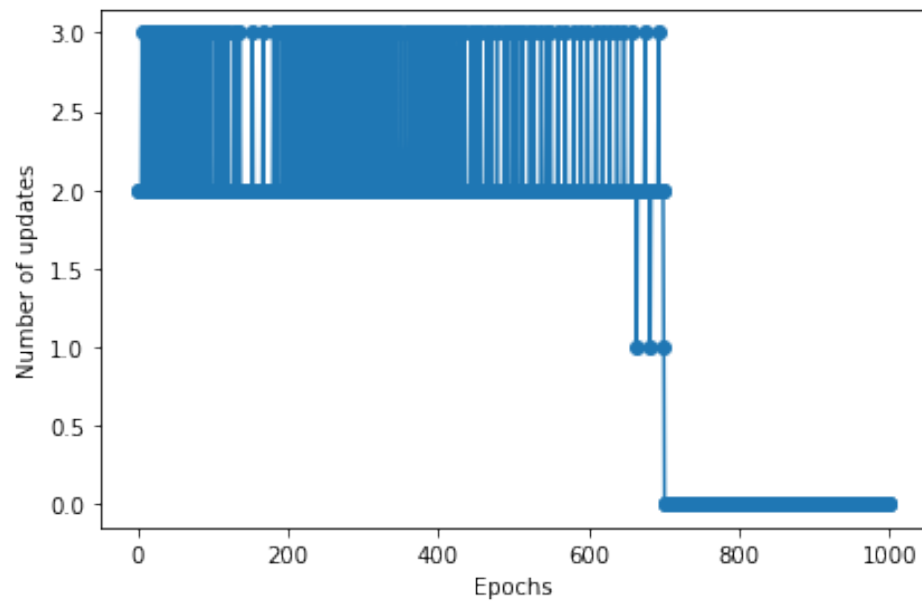


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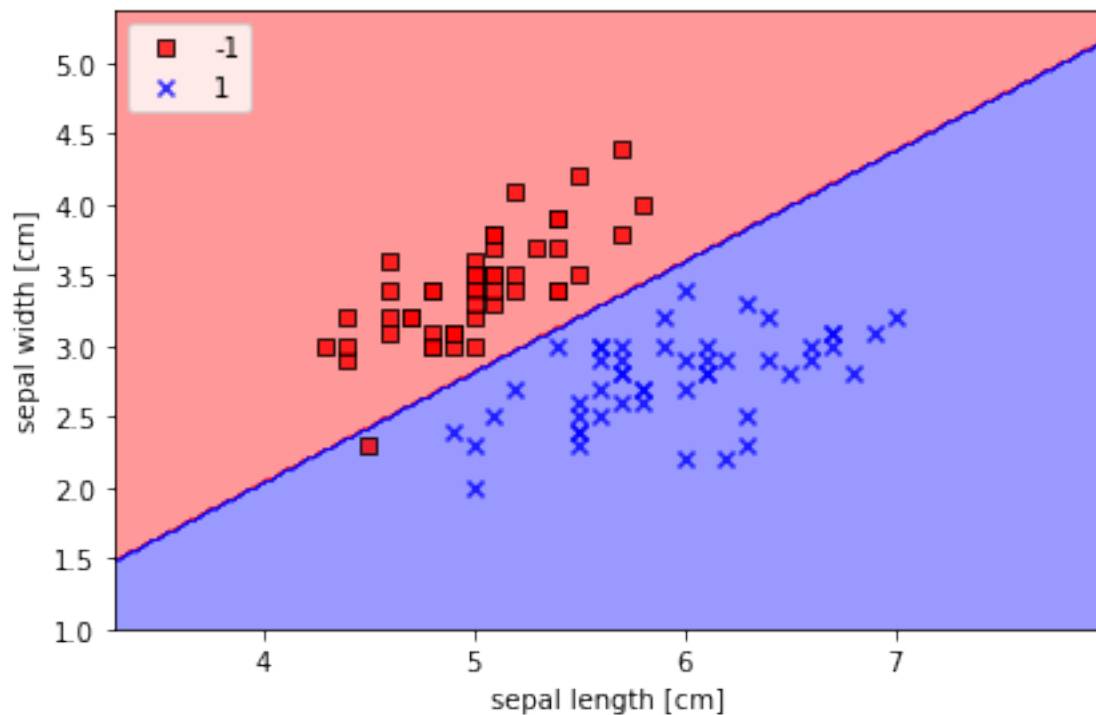
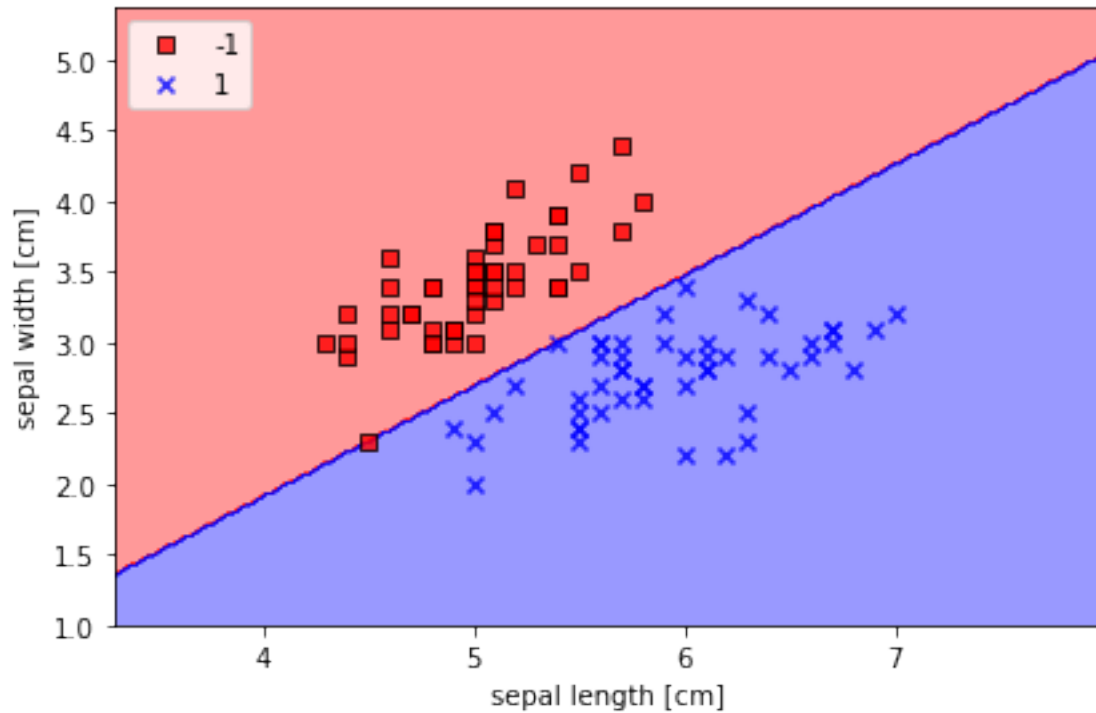
Assignment #1: Perceptron

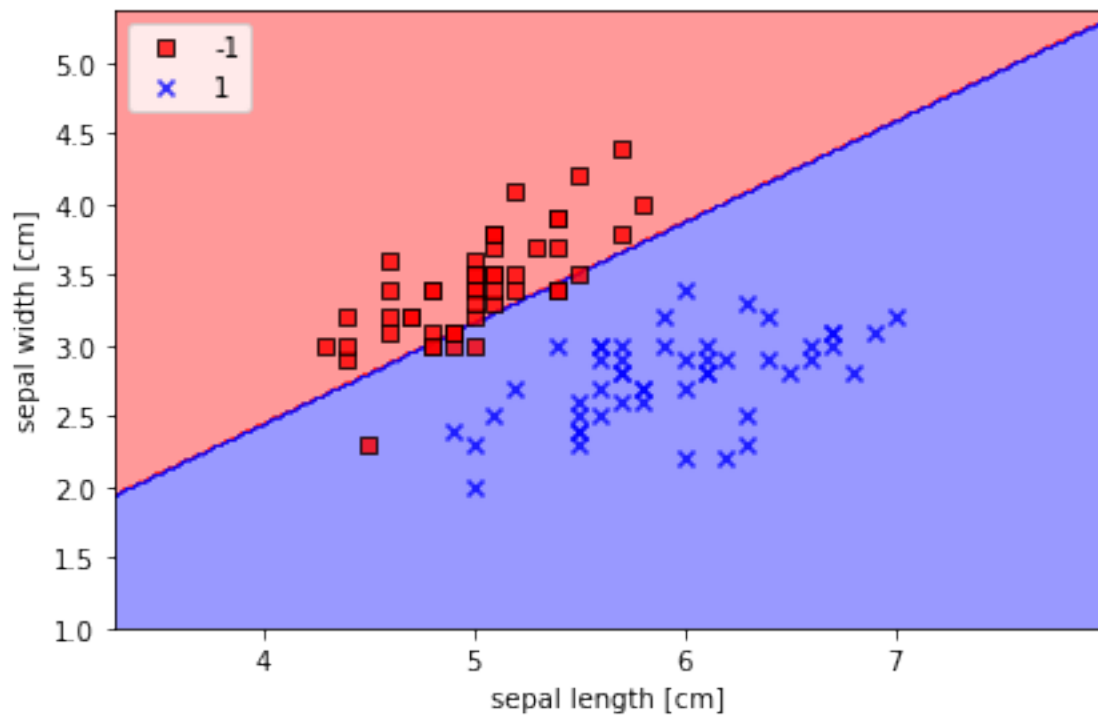
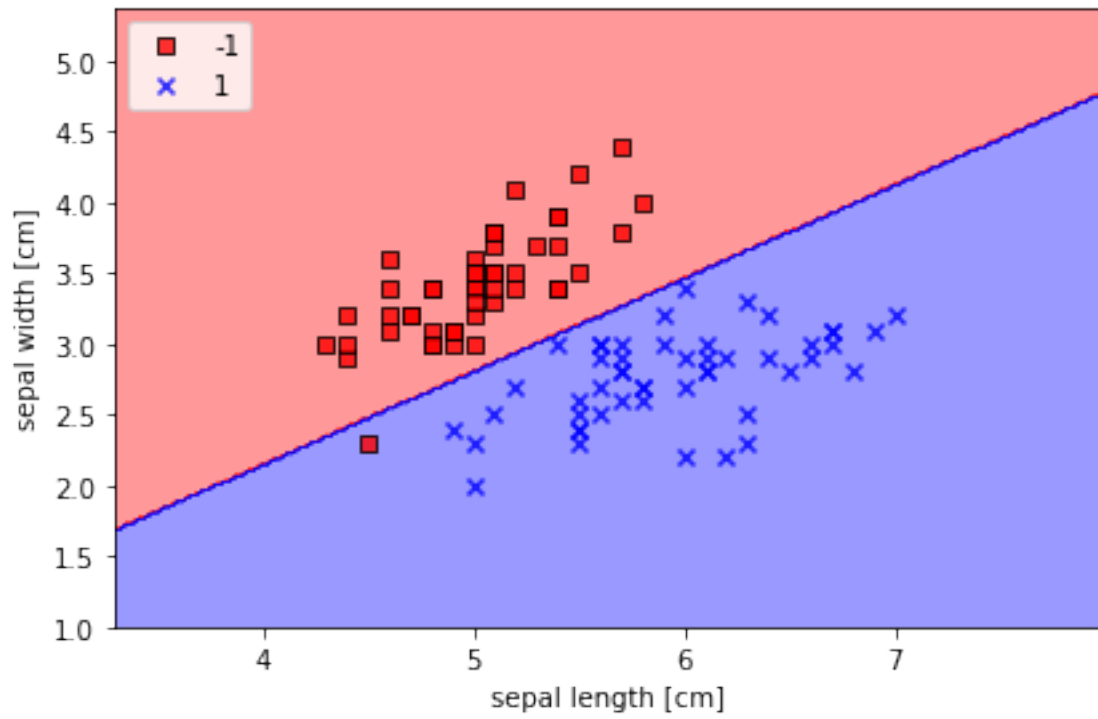
Deliverable #1: The plot showing the number of updates versus epochs when using 1000 iterations

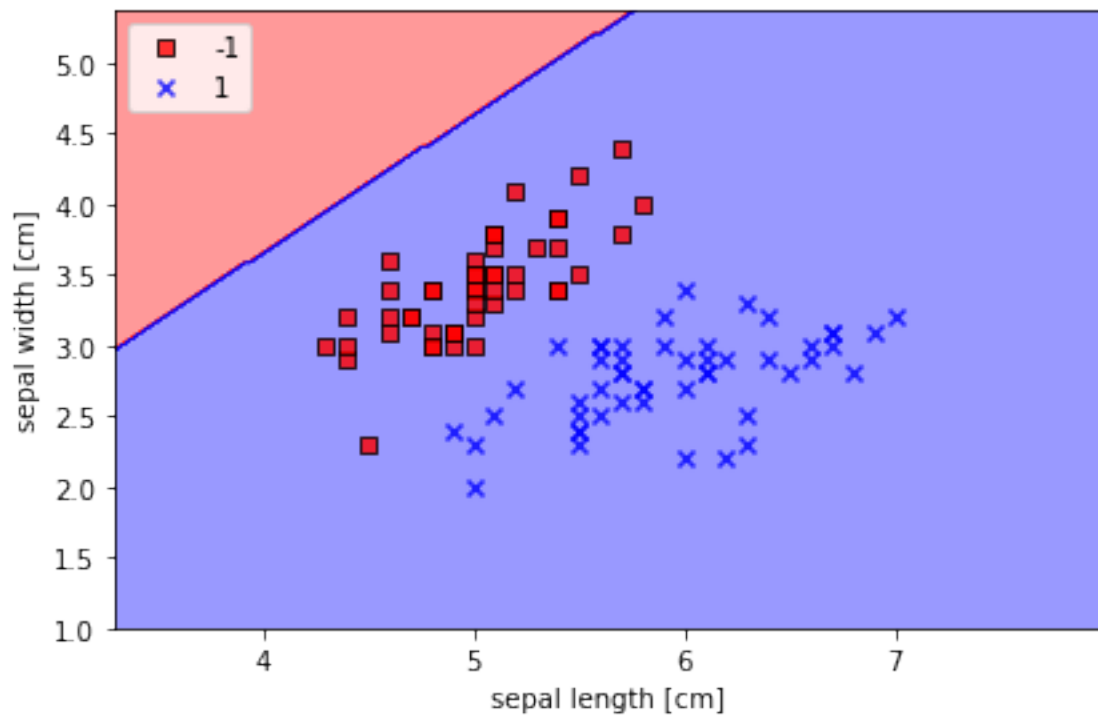
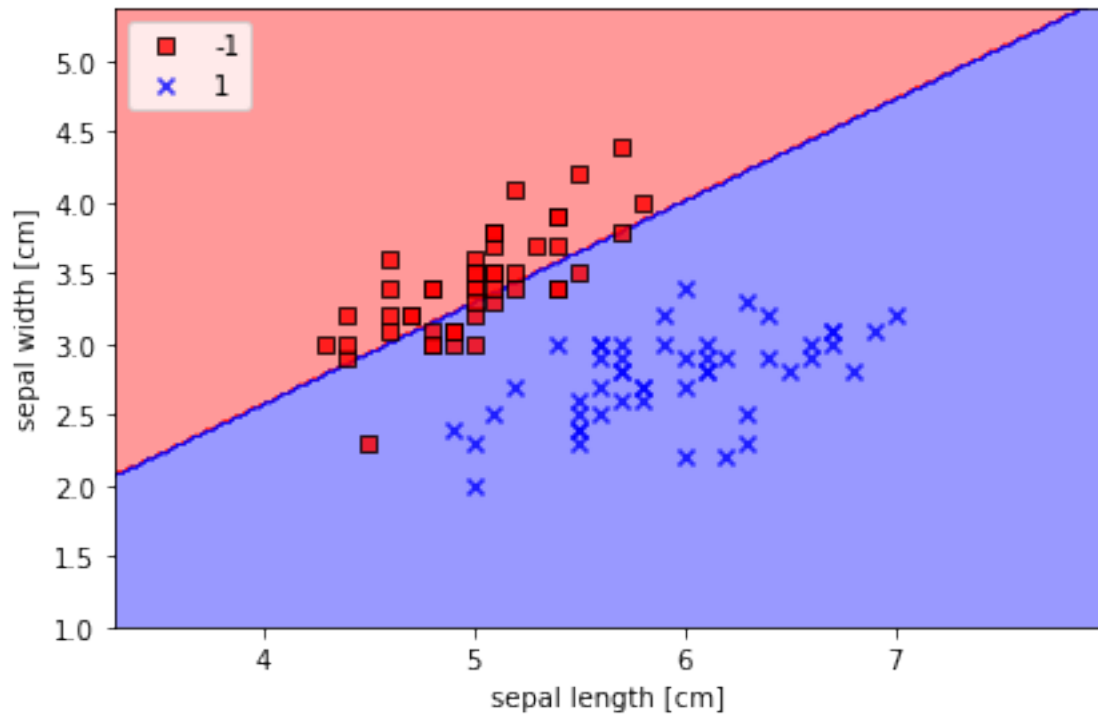


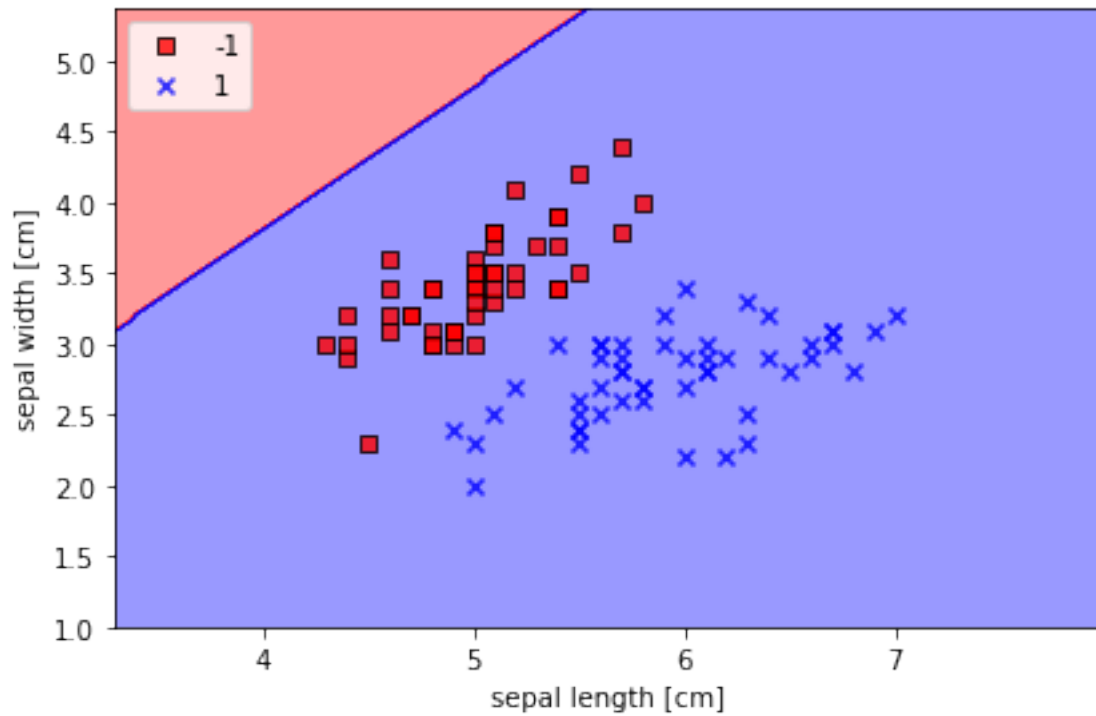
Deliverable #2: The seven region boundary figures for different numbers of iterations.

(I displayed them in reverse chronological order. Had some photo importing issues etc If you want to see correct order check out my jupyter notebook)









Deliverable #3: Write the linear function that is learned, in the form $m_1x_1 + m_2x_2 + b$, based on the parameters in the w vector as described above.

$$m_1(5.6) + m_2(-7.78) + -2.4$$