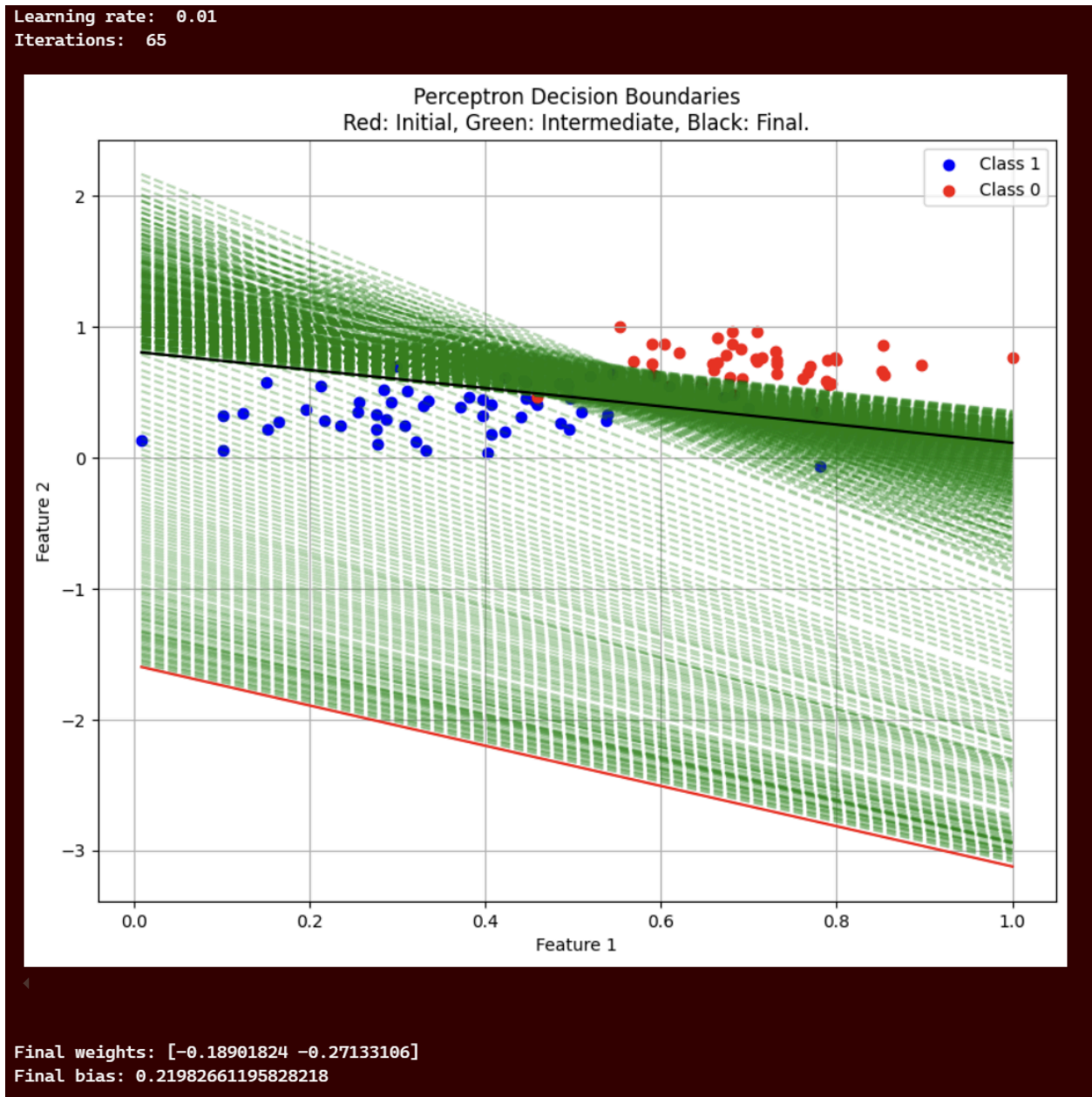


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AI Assignment 4

Part 1 Graphs:

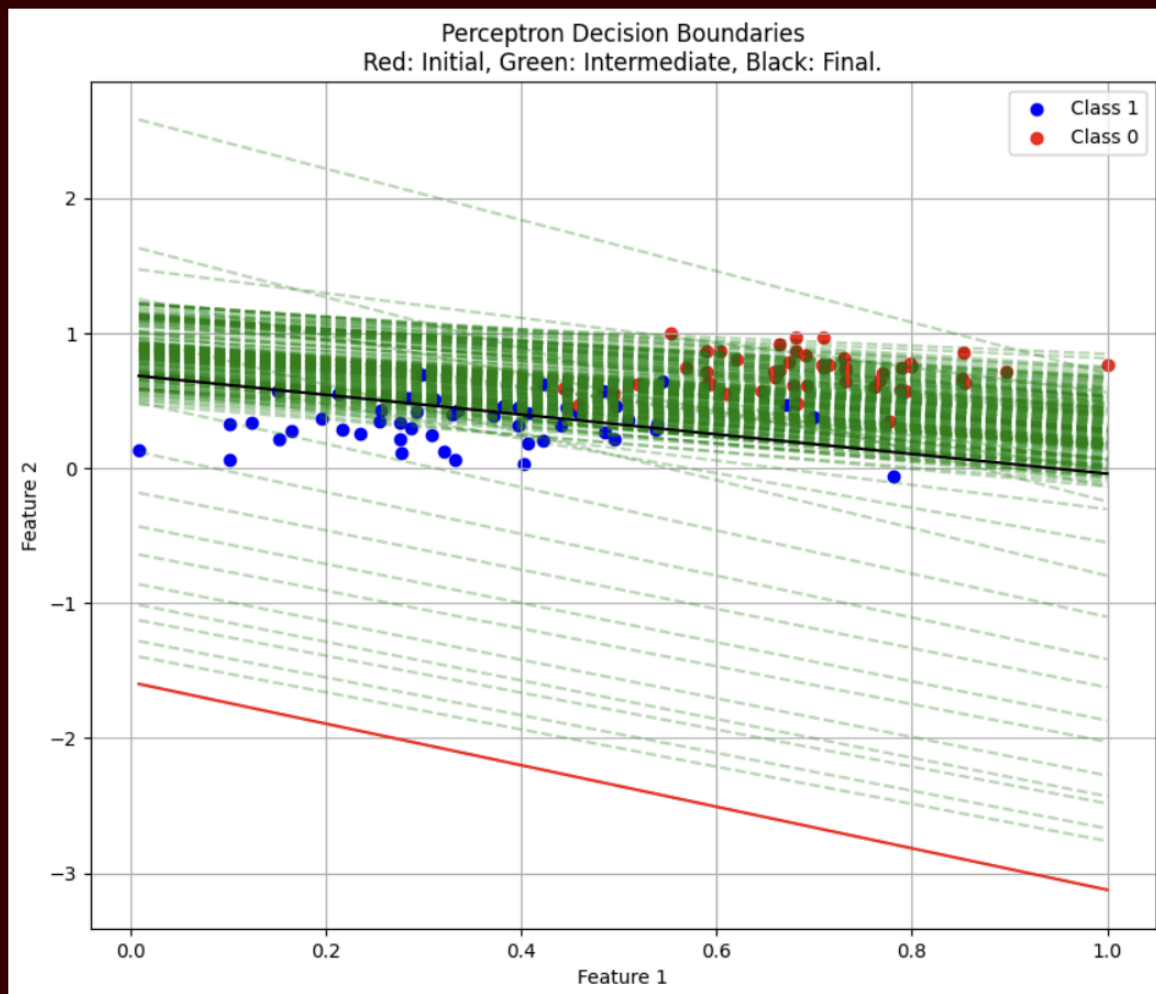


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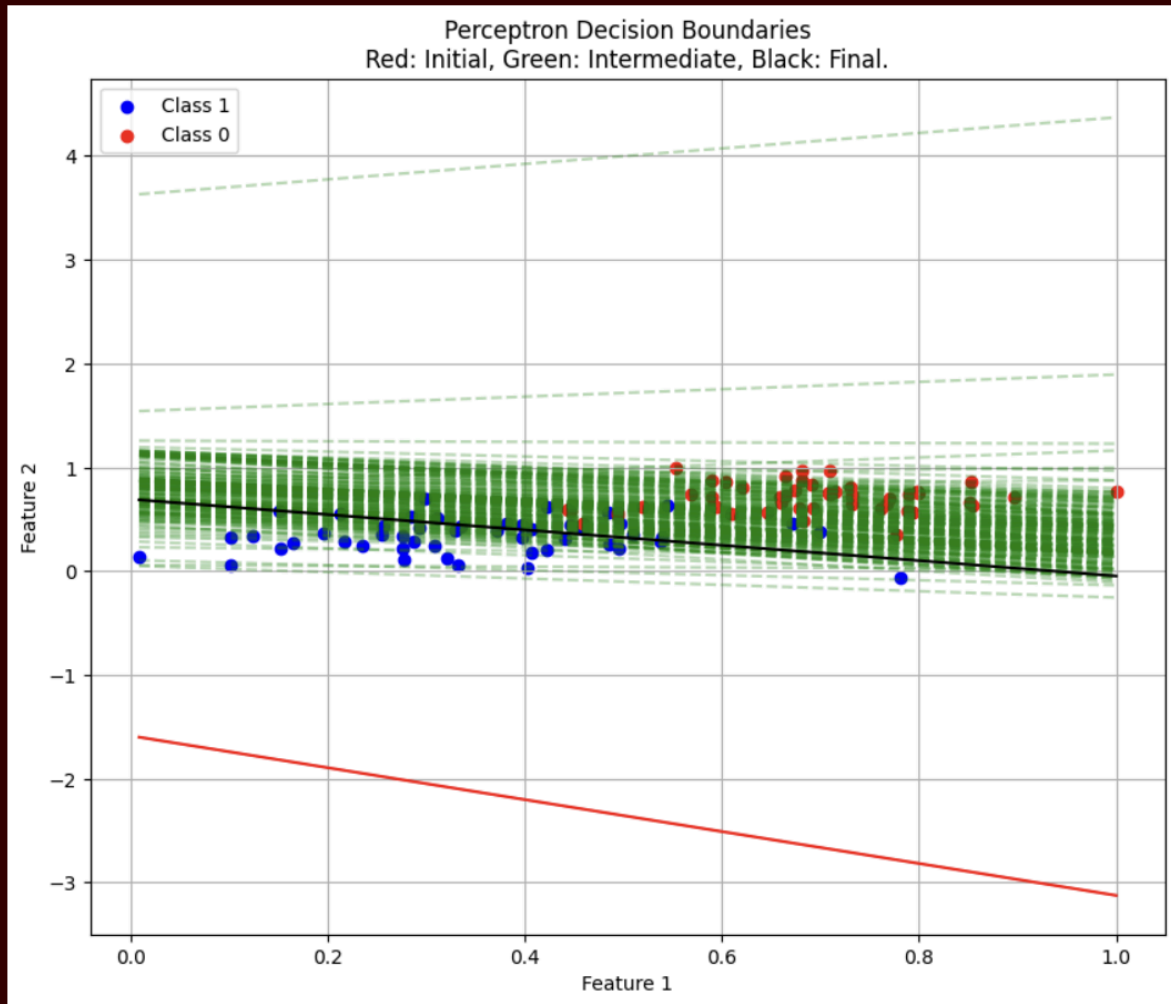
Learning rate: 0.1
Iterations: 65



Final weights: $[-0.57347282 \ -0.78572758]$
Final bias: 0.5398266119582814

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AI Assignment 4

Learning rate: 1
Iterations: 65



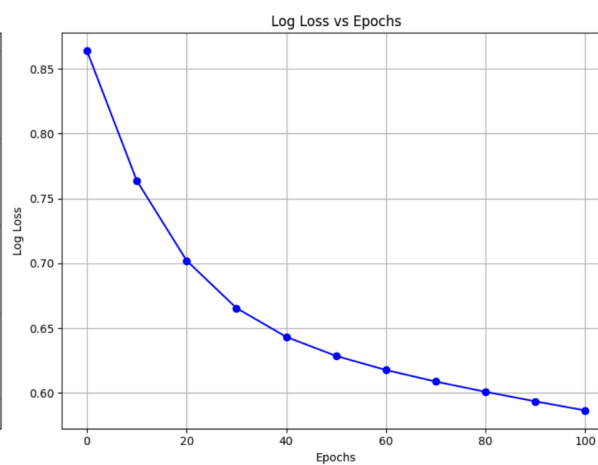
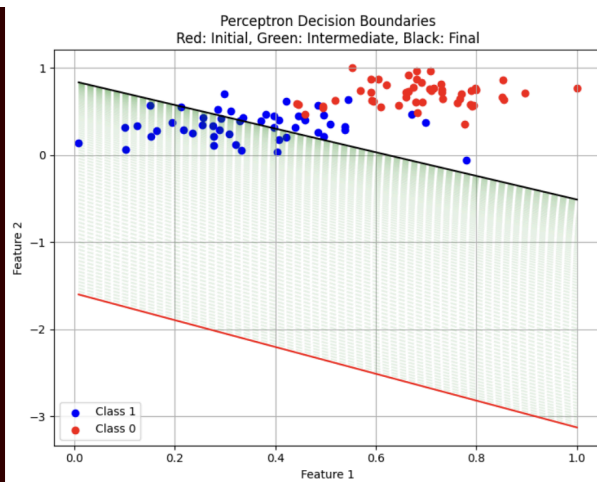
Final weights: $[-5.48577482 \ -7.41752788]$
Final bias: 5.139826611958282

Part 2 Graphs (ON NEXT PAGE):

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AI Assignment 4



Final weights: [-0.83872463 -0.6187997]
Final bias: 0.522474806361226
Final log loss: 0.5864476931441649