



```
PS C:\Users\RPS\Desktop\FOML> python EX3-logistic.py
Epoch 0: Loss = 0.6931
Epoch 100: Loss = 0.0365
Epoch 200: Loss = 0.0244
Epoch 300: Loss = 0.0194
Epoch 400: Loss = 0.0165
Epoch 500: Loss = 0.0145
Epoch 600: Loss = 0.0131
Epoch 700: Loss = 0.0119
Epoch 800: Loss = 0.0110
Epoch 900: Loss = 0.0103

Final Accuracy: 100.00%
```