

Question 7

- a) Original Accuracy - 87.62169680111266%
- b) Accuracy with regularziation - 87.32532091121696%
- c) Accuracy with ReLU - 87.930203948109939%
- d) Accuracy with tanh activation - 87.34353268428373%
- e) Accuracy with arctan activation - 89.98609179415855%
- f) Accuracy with 5000 iterations - 94.091794158558% (arctan)
- g) Accuracy with 20 hidden neurons. - 79.93100394710193% (arctan activation)
- h) BEST PERFORMANCE - 5000 iterations with artcan activation (no regularizaition)