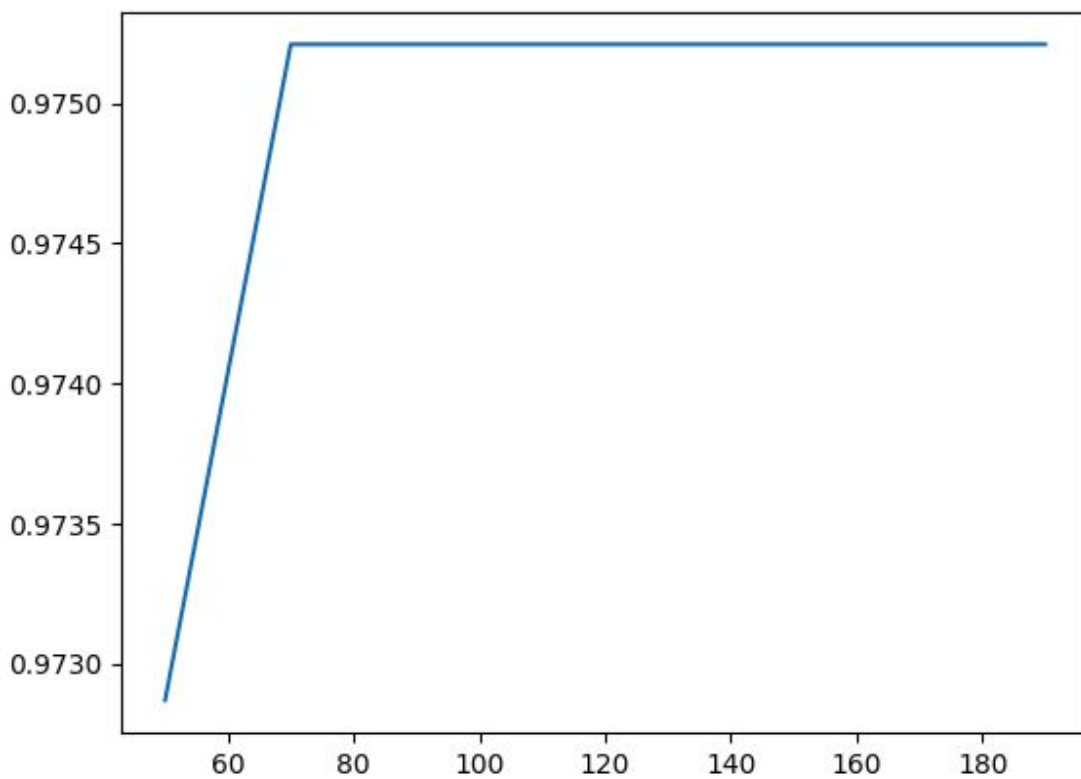


Models : https://drive.google.com/open?id=0B5YIRhO_aQIsUIVvU1kxdHFWMIE

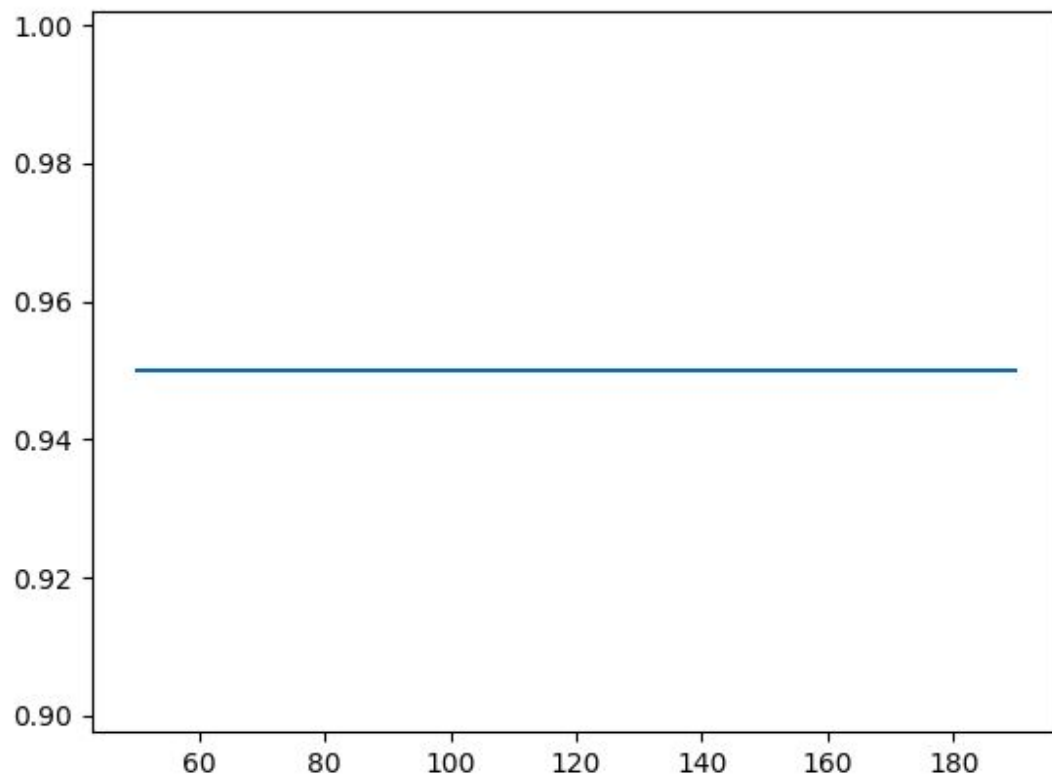
Q3.

- Using 'relu' as activation function gives better results. 98.22% accuracy
- Increasing the number of layers. I have 100, 200, 100 as my 1st, 2nd and 3rd hidden layer respectively
- Max iterations = 500
- Optimizer = Adam. It is the most efficient optimizer.
- Other architectures tried: hidden layers= (100,50,100) 80.23% accuracy; hidden layer = (100,50) 81.12% accuracy

Q2 part a epoch vs accuracy graph



Q2 part b epoch vs accuracy graph



Q3. Epoch vs accuracy

