**Implement the Back-propagation learning algorithm.**

 Use the iris data in both your training and testing processes. (Each class has 50

patterns: train NN with the first 30 patterns, and test it with the remaining 20

patterns)

 Input layer consists of (**4**) neurons (due to the iris data has (**4**) features)

 Output layer consists of (**3**) neurons (due to the iris data has (**3**) categories)

 Try using different architectures and different network parameters to achieve a

maximum performance.

 Obtain the confusion matrix and overall accuracy.

 The user must be able to insert an input to the application, and the application has

to find which class the user entered.