

# 1605027 - Assignment 2 Report

- To run the file, **python3 1605027.py**
- In Viterbi & Baum-Welch :  
The predicted and actual classes are shown side by side and the accuracy is printed afterwards
- In Baum-Welch :
  - The values (transition matrix, means, standard deviations) converge after 5 iterations(though 10 iterations are used and printed in the file)
  - The transition matrix, means, standard deviations(variances) and stationary distributions are printed at the end respectively.
- The input files are accessed as they were given in moodle. So to run the .py file the names and order of files and directories have to be maintained.
- To check the accuracy, the given files were used. In both cases the accuracy was 100%