

## Read Me

1. Please note that I have used google colab to write the code.
2. The code is divided into various code cells. Each cell is numbered at the top of the cell. For example `## Cell 0 ##` , `##Cell 1 ##` etc
3. ***The purpose of the code is very well written on the top of the code cell itself. Therefore, the code is self explainable.***
4. Please give the path to the files in cell 1. The name of the files are written in code itself.
5. Execute the code from cell 0 to cell 11 one after another. Please note that Same colab notebook is used for both the questions.