

## Data Structures and Algorithms

### Main Assignment – N-Gram Frequency Builder

The program has 5 options menu:

- (1) Specify Text File Directory
- (2) Specify n-Gram Size
- (3) Specify Output File
- (4) Build n-Grams
- (5) Quit

For menu option (3) the user does not need to put .csv as it will be checked.

For menu option (4) to build the n-Grams I have added an option to add or not the probability of appearance for each n-Grams to the outputted file.

The process bar will load accordingly to the size of each file and at the end I have added a summary table.