

# User Manual

Stemmer.py and Main.cpp

## Stemmer.py

- Install Python 3.2+ (32bit is advised for NLTK).
- Python 3.4 is advised as that is what was used code program.
- Install NLTK. Instructions can be found at <http://www.nltk.org/install.html>.
- Run `nltk.download('all')` from python IDLE before first run. This may take several minutes.
- Ensure the MED.ALL and MED.QRY files are in same directory as `stemmer.py`
- Run program. Program should output 2 files `documents.csv` and `queries.csv`

## Main.cpp

- Ensure that the files outputted by Stemmer.py are in same directory (should be by default)
- Ensure other MED. Files are in same directory
- Compile and run Main.cpp from a c++ compiler
- Program should output csv file with data, which can be viewed and graphed in Excel.