<u>Important Instructions</u>

To run the program, type the following in command line:

python pagerank.py <file_name>

For example:
python pagerank.py wt2g_inlinks.txt

This will generate the following output files:

- perplexity.txt – Perplexity values till convergence
- sortedPageRank.txt – Top 50 page rank values.
- sortedInLinks.txt – Top 50 in link values by count.

For analyzing a page, type the following command in command prompt:

python analysis.py <page_name>

For example:

python analysis.py WT21-B37-76, will give us the following things:

- In link count
- In link pages in top 50
- Out link count
- Out link pages

The analysis of the in links and page rank can be found in **analysis.pdf**

Page rank values of the small graph for 1, 10, 100 iterations can be found in **page_rank_values_for_small_graph.txt**