Important Instructions

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**