

How to run the program:

This assignment has been developed in Lucene 6.2 and Java 1.8.

The code is a Eclipse project and can be imported directly.

I have created a Jar executable file "Search_Assgn1.jar". IndexComaprison.java is the starting point for this JAR. It expects two input parameters:

- 1) Directory path where index would be created : index_dir
- 2) Directory path of the Corpus data : input_dir

To run the project, enter as below:

```
$ java -jar executable.jar index_dir input_dir
```

Example:

```
$ java -jar Search_Assgn1.jar C:\Nikita\Search\Index  
C:\Nikita\Search\corpus\corpus
```

```
C:\Users\nikit\Desktop\Search_WS>java -jar Search_Assgn1.jar C:\Nikita\Search\Index C:\Nikita\Search\corpus\corpus  
Deleting Keyword index folder  
Creating index with Keyword Analyzer  
Reading: AP890101.trectext  
Reading: AP890102.trectext  
Reading: AP890103.trectext  
Reading: AP890104.trectext  
Reading: AP890105.trectext  
Reading: AP890106.trectext  
Reading: AP890107.trectext  
Reading: AP890108.trectext  
Reading: AP890109.trectext  
Reading: AP890110.trectext  
Reading: AP890111.trectext  
Reading: AP890112.trectext  
Reading: AP890113.trectext  
Reading: AP890114.trectext  
Reading: AP890115.trectext  
Reading: AP890116.trectext  
Reading: AP890117.trectext  
Reading: AP890118.trectext  
Reading: AP890119.trectext  
Reading: AP890120.trectext  
Reading: AP890121.trectext  
Reading: AP890122.trectext  
Reading: AP890123.trectext
```