

Assignment 1: (CS71S3)_ Information Retrieval & Web Search

Login Credentials(if required) for aws instance

```
Username:ankita
Password:ankita
Instance IP address: ec2-54-91-237-117.compute-1.amazonaws.com
```

My Amazon instance currently running on AWS Educate contains the following:

- The entire source code is in a java project named Lucene
- The trec_eval folder is inside my project named Lucene
- The Cran folder is inside the src folder
- The Corrected Qrels are in trec_eval-9.0.7 folder named as Qrels.tst

Setting Up the Project

Run the following commands as it is on a Linux Machine's Terminal. For a Windows machine use an Ubuntu terminal and run the following commands.

To set up the server on your local machine

```
$ ssh -p 22 ankita@ec2-54-91-237-117.compute-1.amazonaws.com
Enter "yes" and type password: Ankita (when prompted)
```

For entering in the project and getting started with building it

```
$ cd Lucene/
$ mvn package
$ java -jar target/Lucene-0.0.1-SNAPSHOT.jar
```

Evaluation of the results

```
$ cd trec_eval-9.0.7/
$ make
$ ./trec_eval Qrels.tst ../src/results.out
```