

Program assignment 1:

Tony and Bobby Alternate team solution:

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\*We were in a situation where our team members had completed the assignment before we formed teams. So Bobby and I created our own solution as discussed on email!

Tony - Worked mainly on the searcher.

Bobby- worked mainly on the indexer

\*We both have sat down together and fixed problems the other had as well as integrated our code for about 6 hours today. Most of the commits during that time are labeled "Tony/Bobby" or something alike.

**Here is a copy of the readme:**

# IR\_program1

Tony and Bobby's individual program 1 solution

\*To run Maven build\*  
mvn clean install

\*Compile  
mvn clean compile assembly:single

\*How to run the indexer:  
java -Xmx50g -cp target/IR\_program1-0.1-jar-with-dependencies.jar lucene.Indexer

\*The searcher will by default run the three queries:

Q1 power nap benefits  
Q2 whale vocalization production of sound  
Q3 pokemon puzzle league

NOTE: If you give the SearchFiles arguments then it will run the three queries above plus the arguments as a query!

\*How to run the searcher:

```
java -Xmx50g -cp target/IR_program1-0.1-jar-with-dependencies.jar lucene.SearchFiles
```