WAQAS RAZA  
5924  
BESE-4A

**About the lab:**

In this lab, we were supposed to make a spider in java. It takes a directory and maps the keywords and absolute paths in a hash map. Using multiple threads traversed all directories in a specified folder.

**How I did it:**

Added the file names and paths in hash map after traversing the directories. In case of text filea read its contents and insert in to hash map. Then I implemented a search function that searchs similar words from hashmap.

**How to Run:**

Run the main.java, program will run and create the log file, run the main again and enter the text to search.

**Github Link**

https://github.com/waqasraza123/directory-spider-in-java