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# Reg No. 6028

# BESE-4A

# Lab 6

## Introduction:

In this lab we have to create a spider (also known as crawler) application capable of indexing the local file system utilizing several threads, while the user queries will be accepted in atleast 2 different threads. The spider should crawl through the file system, creating an easily searchable index of file paths, file names & contents. The user should then be able to search this index against keyword, getting back all the file paths where the keyword was encountered.

## How to Run:

To run code open Eclipse/Netbeans and add java project. Copy given classes.

* Compile Lab6 class. It will ask you to enter string which you want to search. It will search that string from file names and also from contents of file.
* To run test cases run Lab6Test.

## Github link:

https://github.com/Muhammad-Shehzad/Ap\_Lab6\_Local\_Spider