Advance Programming

## Lab 6 Report

By

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Local Spider

### Purpose:

Purpose of the lab is to create a spider application capable of indexing the local file system in java.

### Functions implemented:

A class Crawler is implemented.

Search function to search the required file.

FindDirectory function to find the directory of the searched file.

Match function to check whether we found the given required file or not.

### Implementation:

Implemented using threads.

Language used is JAVA.

Search files and their directories.

Then find the contents of the files.

### Unit Testing:

Testing was done by using different file names and by placing the files at different directories and then by checking their index/directory and content.