**Introduction:**

In this lab, we created a spider (also known as crawler) application capable of indexing the local file system. The spider should crawl through the file system, creating an easily searchable index of file paths, file names & contents (of text files only). The user should then be able to search this index against keyword, getting back all the file paths where the keyword was encountered.

**Approach:**

The main method which asks the user to input an option. The user can search whether a word occurs in document specified, or the user can search for the file paths in which a word occurs. Similarly the user can search for a word based on the file's path and attributes(which in this case is the size of the file).

**How to Run:**

Run the program. Choose the approach for search with the help of the given menu and entered the required information. The results will be displayed.