WAQAS RAZA  
5924  
BESE-4A

## Introduction:

In this lab we were supposed to create the file crawler in which crawls the local file System and find the file using its name or its content (is restricted to .txt files). The User will provide the directory name and enters a specific REGEX. The program itself gets the file if found in either **Content or FileName.**

## Working:

**For FileName:**

First , we find the directory by creating a File object and access its files and directories and check if is directory then it will find it recursively and for files it check the name and compare with the sub files and if it founds then it return the path.

**For Content:**

Here, we find the directory by creating a File object and access its files and directories and check if is directory then it will find it recursively and for files it check if it has extension **".txt"** and it reads the file and put the content in the list and check the content if matches the content then it return the path.

## To Run:

Run the main file named **Main.java** in Eclipse IDE. The GUI will guide you the rest.

## Github:

https://github.com/waqasraza123/crawler\_in\_java\_with\_regular\_REGEXP