

# LAB211 Assignment

Type:  
Code:  
LOC:  
Slot(s):

Short Assignment  
J1.S.P0062  
26  
1

## Title

Create a program to analyze file path.

## Background

N/A

## Program Specifications

Create a program take input data is a path to a file and return following information

- Disk driver
- File name
- File extension
- Folders name
- Path to file folder

Print info to screen

### Function details:

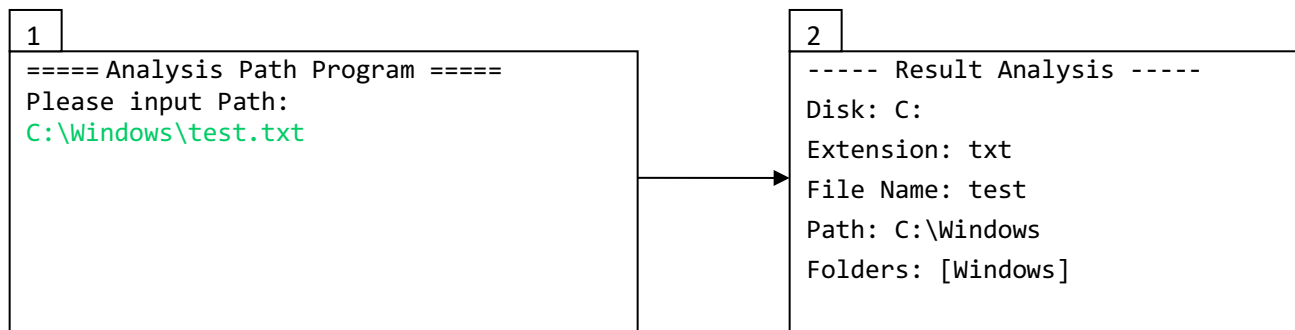
**Function 1:** Display GUI And Input Data.

- Users run the program. The program prompts users input Data.
- Auto next **Function 2**.

**Function 2:** Perform function

- Program display information: disk driver, path to folder, file extension, file name
- Show info to screen and exit program

### Expectation of User interface:



## Guidelines

Student must implement methods

- getPath
- getFileName

- getExtension
- getDisk
- getFolders

**in startup code.**

**Example:**

- Using functions LastIndexOf, IndexOf, SubString, Split of String.

**Function1:** Get the path to file folder without file name

- Create a function: public String getPath()
  - Return value: path to file folder without file name

**Function 2:** Get filename without file extension.

- Create a function: public String getFileName()
  - Return value: filename without file extension.

**Function 3:** Get file extension.

- Create a function: public String getExtension()
  - Return value: file extension.

**Function 4:** Get disk driver.

- Create a function: public String getDisk()
  - Return value: Disk driver name.

**Function 5:** Get folders name.

- Create a function: public String[] getFolders()
  - Return value: Folders name.