

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:

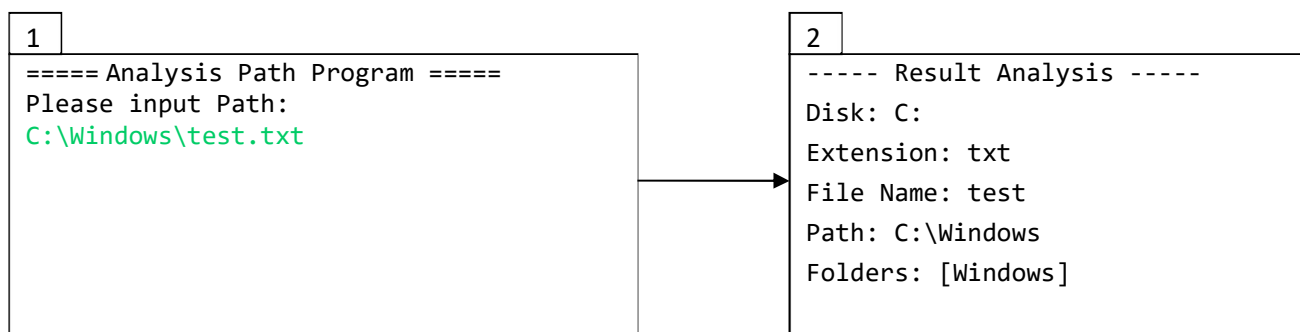
Function 1: Display GUI And Input Data.

- 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.