

LAB211 Assignment

Type:
Code:
LOC:
Slot(s):

Short Assignment
J1.S.P0079
130
2

Title

Create a program to zip and unzip file (project CBDT)

Background

NA

Program Specifications

Create a program zip and unzip file with following menu

- 1) Zip file.
 - 2) Unzip file.
 - 3) Exit.
- When user chooses 1
 - o Prompt user to input path to files need to be zipped
 - o Prompt user to input zip file name
 - o Perform zipping file in folder
 - When user chooses 2
 - o Prompt user to input path to ne to be unzipped file
 - o Prompt user to input path to destination unzipped files
 - o Perform unzip task
 - When user chooses 3: exit program

Function details:

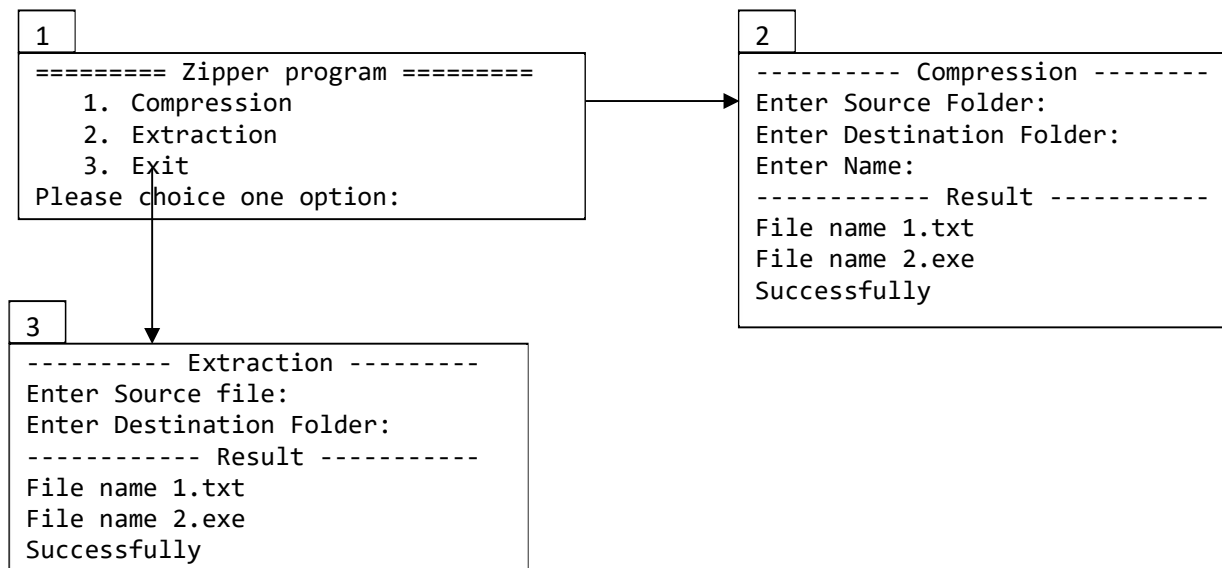
Function 1: Display a menu and ask users to select an option.

- Users run the program. The program prompts users to select an option.
- Users select an option, perform **Function 2**.

Function 2: Perform function based on the selected option..

- Option 1: zip file
 - Input path to need to be zipped files
 - Named zip file
 - Perform zip task
- Option 2: Unzip file
 - Input path to be unzipped file
 - Input path to destination unzip files
 - Perform unzip task
- Option 3: Exit program

Expectation of User interface:



Guidelines

Student must implement methods

- compressTo
- extractTo

in startup code.

Example:

Student uses package java.util.zip to perform zip and unzip

Function 1: zip file

- Implement function: public static boolean compressTo(String pathSrc, String fileZipName, String pathCompress)
- Input:
 - pathSrc: path to folder contain need to be zipped files.
 - fileZipName: zip file name.
 - pathCompress: Path to zip file.
- Return: zipping file status.

Function 2: Unzip.

- Implement function: public static boolean extractTo(String pathZipFile, String pathExtract)
- Input:
 - pathZipFile: Path to zipped file.
 - pathExtract: path to destination folder contains unzipped file
- Return value: unzip status.