**Java**

Assignment - Day 8

Concept: IO Streams

Objective: At the end of the assignment, participants will be able to:

* Use Java streams for input and output
* Read and write files
* Serialize object in a file

Problems:

1. Create a class **CopyFile** having main method. Provide source file and destination file names as command line arguments. Perform following functionality:

* Program should copy contents of source file to destination file
* If source file does not exist, display appropriate error message
* If destination file does not exist, it should be created.
* If destination file already exist, program should ask **Want to Overwrite? (yes/no)**
* If user selects Yes then overwrite otherwise do not overwrite

1. Create a class **FileWrite** having main method. Read 5 lines from user. Write these lines to a file **letter.txt**. Display the size of the file.

Read the contents of the file and display them on console.

Delete **letter.txt** file using File class.

1. Create a class **DirectoryList** having main method. Read a directory name from user. Search the existence of the directory. If exists, display all files and subdirectories present in that. Otherwise, display a message **Directory does not exists.**
2. Create a class **Employee** having members as follows:

private int empNo

private String empName

private int empBasic

Parameterized constructor to initialize members.

Getter methods for all instance variables

Create a class **WriteEmployee** having main method. Ask user to enter details of an employee and set them in an Employee object. Store details of this object in a file **emp.txt.**

Read employee details from the file and display those details.