

The core concepts and algorithms being used to complete this application

The core concept of this application is File Handling.

These are the method of file handling which is used in application

1. **mkdir()** - It is used for creating a new directory.
2. **isDirectory()** - It checks whether the directory present or not at given path.
3. **getAbsolutePath()** - It is used to get the absolute pathname of the file.
4. **createNewFile()** - It is used to create a new empty file.
5. **getName()** - It is used to find the file name.
6. **delete()** - It is used to delete a file.
7. **exists()** - It is used to check whether the specified file is present or not.
8. **list()** - It is used to get an array of the files available in the directory.

Also use some utility packages (The java.util package) such as

Scanner class and collection interface and we also used List Interface, Iterator interface, predefined sort() method etc.

Iterator interface:

This interface is used to traverse the elements of List/Set

Methods:

boolean hasNext() - It checks whether the next element present in the collection or not.

Object next() - It gets the next element from the collection

I am used the following:

Eclipse: An IDE to code for the application

Java: A programming language to develop the prototype

Git: To connect and push files from the local system to GitHub

GitHub: To store the application code and track its versions.

And this is the project link (github) :

https://github.com/pawannayak35/SimplilearnProject_VirtualKeyProject_01