Algorithm

1. Declare 3 int variable a, b, c.
2. Declare 3 string variable s, s1, s2.
3. Create directory(folder) in eclipse current project folder
4. Create respective classes for every file creation using file handling algorithm.
5. Print “Welcome to LockedMe.com”, “Kalpana Uttam Rathod” , “Full stack Java Developer” on Console.
6. Display three option on console.

1. File list

2. Operation on file.

3. Close an application

7. Get user input to select 1 option out of 3.

8. Use if –else if –else conditions to perform three option’s operation.

1. If user input is 1. condition 1 is executed, it will list a file in sorted way using insertion sorting algorithm.
2. if user input is 2. Condition 2 is executed. Condition will display 3 options.

1. Add file

2. Delete file

3. Search file

* use if -else if –else condition to perform three option’s operation
* if user input is 1, condition 1 is execute which will perform add file operation. Create file using file handling algorithm.
* If user input is 2, condition 2 is executed which will delete the user defined file.
* If user input is 3, condition 3 is executed which will search a user defined file. User linear search algorithm to find file.

1. Finally if user input is 3, condition 3 is executed which will exit the application.

Flow chart

Declare int variable=a,b,c

Declare string variable s, s1, s2

Y

Y

Y

Add file

N

N

If a==2

Display 3 option on console

1. Add file
2. Delete file
3. Search file

Y

Y

Y

N

N

Delete file

Close an application

Search file

If b==2

If b==3

If b==1

List sorted file

If a=3

If a==1

Get user input on console

Display three options

1. File list
2. Operation on file
3. Close an application

Display welcome screen and display developer information

Create folder and files in it by creating classes and methods