* **ALGORITHM**

Main :

1. Print “Welcome to LockedMe.com”.
2. Print developer details.
3. Call Initial()

Initial():

1. Print the operations from which user can select one operation of his choice.
2. Display all the files in the directory.
3. Add, delete or search a file in the directory.
4. Close and exit.
5. Read input value into “input” variable
6. Switch(input)
7. Case 1: put all the files list in directory into files array

File file[]=f.listFiles()

Print “Files are:”

If files.length==0 then Print “Empty”

Else For(i=0;i<files.length;i++) Print files[i].getName()

Call Initial()

Break

1. Case 2: call Second()

break

1. Case 3: Exit

Second():

1. Print the operations from which user can select one operation of his choice.
2. Add a file into the directory.
3. Delete a file from the directory.
4. Search a file in the directory.
5. Navigate back to main operations.
6. Read input value into variable “choice”.
7. Do{
8. Switch(choice)
9. Case 1: Print “Enter a file name to add in directory”

Read input from user and store in “n”

Call addFile(n)

Print “Do you want to do another operation? Choose one”

break

1. Case 2: Print “Enter a file name to delete from the directory”

Read input from user and store in “name”

Call deleteFile(name)

Print “Do you want to do another operation? Choose one”

break

1. Case 3: Print “Enter a file name to search”

Read the input from user and store in “s”

Call searchFile()

Print “Do you want to do another operation? Choose one”

break

1. Case 4: Call Initial()

Break

1. }While(true)

addFile(name):

1. Add the directory path to the name of file to be added

File myObject=new File(“E://Phase-1//”+name)

1. If file with that name does not exist then
2. Add it in the directory
3. Print “File added successfully”
4. Else
5. Print “File already exists”.

deleteFile(name):

1. Add the directory path to the name of file to be added

File myObject=new File(“E://Phase-1//”+name)

1. If file with that name exist then
2. delete it in the directory
3. Print “File deleted successfully”
4. Else
5. Print “File doesn’t exists”.

searchFile(name)

1. Add the directory path to the name of file to be added

File myObject=new File(“E://Phase-1//”+name)

1. If file with that name exist then
2. Print “File found”
3. Else
4. Print “File Not Found”.