

```

import java.awt.List;

import java.io.File;

import java.io.IOException;

import java.util.ArrayList;

import java.util.InputMismatchException;

import java.util.Scanner;


public class LockedMe extends FileOperations{

    static  int userInput;

        //Function with options

            public static int optionsDisplay()

            {

                System.out.println("-----");

                System.out.println("Please Select from the following options ");


                System.out.println("*****");

                System.out.println("*    1. Retrieve files in Ascending order    *");

                System.out.println("*    2. Select to see more options            *");

                System.out.println("*    3. Close the Application                *");


                System.out.println("*****");

                System.out.println("-----");


                int input=0;

                Scanner sc = new Scanner(System.in);

```

(1/2/3:");

```
while (sc.hasNextInt() != true)
{
    System.out.println("Please select the valid option

    sc = new Scanner(System.in);

}
```

```
input = sc.nextInt();
```

(1/2/3:");

```
if (input!= 1 && input!=2 && input !=3 )
{ int input1=0;
    System.out.println("Please select the valid option

    Scanner sc1 = new Scanner(System.in);

    input=input1;

}
```

```
return input;
```

```
public static void main(String[] args) {

    LockedMe lm = new LockedMe();

    //Welcome Message

    System.out.println("-----");

    System.out.println("*****Welcome*****");

    System.out.println("*   Project: LockedMe.com       *");

    System.out.println("*   Developer: Arulsevi Amirrthalingam   *");

    System.out.println("*           Software Analyst           *");

    System.out.println("*           September 18 2022          *");

    System.out.println("*@@@@" *");

    System.out.println("*****");

    System.out.println("-----");

    //End of Welcome Message


    try {

        int userInput = lm.optionsDisplay();

        while(userInput != 3)
```

```

{

//Retrieves file names in ascending order

if (userInput == 1)
{
    System.out.println("you have selected option " + userInput);

    System.out.println("*****");

    File file = new
File("C:\\Users\\PrishaKutty\\Documents\\Eclipse\\LockedMe");

    File[] files = file.listFiles();

    System.out.println("The list of files in ascending order");

    System.out.println("-----");

    for(File f: files)
    {
        if (f.getName().endsWith(".txt"))
        {
            System.out.println("    "+ f.getName()+ "    ");

        }
    }

    System.out.println("-----");

    userInput = lm.optionsDisplay();

```

```

    }

    else if (userInput == 2)
    {

        System.out.println("Please Select from the following options ");

System.out.println("*****");

        System.out.println("*    1. Add a file        *");
        System.out.println("*    2. Delete a file    *");
        System.out.println("*    3. Search for file  *");
        System.out.println("*    4. Navigate to the main context    *");

System.out.println("*****");

        Scanner sc1 = new Scanner(System.in);

        FileOperations fo = new FileOperations();

        int fileOptionSelected =0;

        if (sc1.hasNextInt())
        {

            fileOptionSelected = sc1.nextInt();

        }
    }

```

```
        if (fileOptionSelected != 1 && fileOptionSelected!=2 && fileOptionSelected!=3
&& fileOptionSelected != 4)
        {
            System.out.println("Please select the valid option (1/2/3/4:");
        }
```

```
        if (fileOptionSelected ==1)
        {
            try {
                fo.addFile();
            } catch (IOException e) {
                // TODO Auto-generated catch block
                e.printStackTrace();
            }
        }
        else if(fileOptionSelected == 2)
        {
            fo.deleteFile();
        }
        else if(fileOptionSelected == 3)
        {
            fo.SearchFile();
        }
```

```
        if (fileOptionSelected == 4)
        {
            userInput = lm.optionsDisplay();
        }
```

```
    } //end of while
}
```

```
        if (userInput == 3)
        {
            System.out.println("Closing the Application, Thank you");
            System.exit(0);

        }
```

```
    } catch (Exception e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
    finally {
        System.exit(0);
    }
```

}

}

}