# WelcomeScreen.java

```
package first_project;

import java.util.Scanner;

public class WelcomeScreen {
                public static void main(String[] args) {
                System.out.println("Welcome to LockedMe");
                System.out.println("  Developed by :Jayapratha    ");
                System.out.println("----Contact Details:jpratha96@gmail.com");
                System.out.println("Menu Options");
                        System.out.println("1->show current files in ascending order");
                   System.out.println("2->file options create delete search");
                   System.out.println("3->exit application");
                   System.out.println("Enter valid option");
          Scanner in = new Scanner ( System.in );
            //Display the menu
                    int choice=in.nextInt();
            switch (choice) {
             case 1:
                    System.out.println("1->show current files in ascending order");
               break;
             case 2:
                    System.out.println("2->file options create delete search");
               break;
             case 3:
                    System.out.println("3->exit application");
         break;
             default:
                    System.out.println("Enter valid option");
            break;
            }
                  }
```

}

# Menu Options.java

```
package first_project;
import java.util.Scanner;
public class MenuOption extends WelcomeScreen{
public static void main(String[] args) {


            Scanner in = new Scanner ( System.in );
   //Display the menu
   System.out.println("1->create file in directory");
   System.out.println("2->delete file in directory");
   System.out.println("3->search file in directory");
   System.out.println("Enter valid option");
   int choice=in.nextInt();
   switch (choice) {
    case 1:
          System.out.println("1->Enter the path to create a file");
     break;
    case 2:
          System.out.println("2->Enter the path to delete file in directory");
     break;
    case 3:
          System.out.println("3->Enter file name to search file in directory");
 break;
    default:
          System.out.println("Enter valid option");
     break;
     }
   }
}
```

# FileInput.java

```
package first_project;

import java.io.File;

import java.io.IOException;

public class FileInput {

	public static void main(String[] args) {

		System.out.println("Enter the path to create a file   /home/jpratha96gmail/eclipse-workspace/PhaseOneProject/:");

		File file=new File("Project");

				boolean result;

		try {

			result=file.createNewFile();

			if(result) {

				System.out.println("File is created :"+file.getPath());

			}

			else {

				System.out.println("File already existed :"+file.getPath());

			}

		} catch (IOException e) {

							e.printStackTrace();

		}

	}

	}
```

# Delete Files:

```
package first_project;

import java.io.File;

public class DeleteFile {

	public static void main(String[] args) {

	File file=new File("project");
```

```
                    if(file.delete()) {
                            System.out.println("File deleted successfully");
      }
      else
      {
         System.out.println("Failed to delete the file");
      }
          }
}
```

# SearchFiles:

```
package first_project;
import java.io.File;
import java.io.IOException;
import java.util.Scanner;
public class SearchFiles {
  public static void main(String[] args) throws IOException {
    System.out.println("Enter the path to folder to search for files");
    Scanner search = new Scanner(System.in);
    String folderPath = search.next();
    File folder = new File(folderPath);
        if (folder.isDirectory()) {
      File[] listOfFiles = folder.listFiles();
      if (listOfFiles.length < 1)
System.out.println(  "There is no File inside Folder");
      else System.out.println("List of Files & Folder");
      for (File file : listOfFiles) {
        if(!file.isDirectory())System.out.println(
          file.getPath().toString());
      }
    }
    else System.out .println("There is no Folder @ given path :" + folderPath);
```

```
  }
}
```

# SortingFiles:

```
package first_project;


		import java.io.File;
import java.util.Arrays;
import java.util.Collections;
import java.util.List;
public class SortingFiles {
	public static void main(String[] args) {
		File fileDir = new File("/home/jpratha96gmail/eclipse-
workspace/PhaseOneProject/");
		if(fileDir.isDirectory()){
			List listFile = Arrays.asList(fileDir.list());
			System.out.println("Listing files unsorted");
			for(Object o:listFile){
				String s = o.toString();
				System.out.println(o);
			}
			Collections.sort(listFile);
			System.out.println("Sorting by filename in ascending order");
			for(Object o:listFile){
				String s = o.toString();
				System.out.println(o);
			}
			}
	}
}
```