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   E:");
		File file=new File("E:\\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();
		}
	}
	}
```

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;
public class SortingFiles {
          public static void main(String[] args) {
    File dir = new File("E:\\Program");
    File[] files = dir.listFiles();
    Arrays.sort(files, (f1, f2) -> {
      return new Long(f1.length()).compareTo(new Long(f2.length()));
    });
    for (File file : files) {
      if (!file.isHidden()) {
        if (!file.isDirectory()) {
```

```
            System.out.println("FILE\t" + " " + file.length() + " bytes\t\t" + file.getName());
          }
        }
      }
    }
}
```