Source code:

```
package VirtualKey;
import java.io.File;
import java.util.Arrays;
import java.util.Scanner;


public class Lockedme {
        public static void main(String[] args)  {
    File folder = new File("D://virtualkey");
    folder.mkdirs();
    Scanner scan = new Scanner(System.in);

    while(true){

      System.out.println("Prototype of the Application LockedMe.com \n");
      System.out.println("The following functions are :-    \n");
      System.out.println("1.Re-arrange the files in the current directory in ascending order\n");
      System.out.println("2. To perform user interface enabled operations  \n");
      System.out.println("3. Program Termination\n");
      System.out.println("What choice do you want to perform \n");

      int choice = scan.nextInt();
      switch(choice)
      {
        case 1:

          File arr[] = folder.listFiles();
          Arrays.sort(arr);

          for(int i=0;i<arr.length;i++)
            System.out.println(arr[i]);
            break;


        case 2:
          Boolean temp = true;
          while(temp) {
            System.out.println("Option 1 :- To Add a file in the existing Directory");
            System.out.println("Option 2 :- To Delete a file from the existing Directory. ");
            System.out.println("Option 3 :- To Search a user specified file from the Directory");
            System.out.println("Option 4 :- Back to the previous menu");
            System.out.println("Option 5 :- Terminate The Program");


            int choice2 = scan.nextInt();
```

```
switch (choice2) {
   case 1:

      System.out.println("Enter a file name you want");
      String name = scan.next();
      if(new File(folder,name).exists()){
         System.out.println("file already exist");
      }else {
         File folder1 = new File(folder, name);
         folder1.mkdir();
         if (new File(folder, name).exists()) {
            System.out.println("file added successfully");
         }
      }

      break;


   case 2:
      System.out.println("Enter a file name");
      String name1 = scan.next();
      boolean folder2 = new File(folder, name1).exists();
      System.out.println(folder2);
      if (folder2 == true) {
         File folder3 = new File(folder, name1);
         folder3.delete();
         System.out.println("File successfully deleted");
      } else {
         System.out.println("file does not exist");
      }

      break;


   case 3:
      System.out.println("Enter a keyword to search");
      String search = scan.next();

      File arr1[] = folder.listFiles();
      for(int a=0;a<arr1.length;a++){
         if(arr1[a].getName().startsWith(search)){
            System.out.println(arr1[a]);
         }else{
            System.out.println("No file found");
         }
      }
      break;

   case 4:
```

```
                    temp = false;
                    break;

                case 5:

                    System.out.println("Program Terminated Successfully");
                    System.exit(0);
                default:
                    System.out.println("Input correct value and retry");

                }

            }
            break;

        case 3:
            System.out.println("Program Terminated Successfully");
            System.exit(0);

        default:
            System.out.println("Input correct value and retry");
            break;

      }
    }
  }


}
```