package PhoneBookIgorLanger;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.\*;

public class Main {

static final String PatchToFile = "C:/Jira/contacts.csv"; //Please write here the correct path to contact file in you computer.

/\*\*

\* This is a main class.

\* It also includes the path where a file with all the data is saved.

\* Here we're calling to other classes, where each class activates a different function

\*/

public static void main(String[] args) {

MainMenu mainMenu = new MainMenu();

LoadContactsFromFile loadContactsFromFile = new LoadContactsFromFile();

ListContactsInFile listContactsInFile = new ListContactsInFile();

ShowContactInFile showContactInFile = new ShowContactInFile();

FindContactInFile findContactInFile = new FindContactInFile();

AddContactToFile addContactToFile = new AddContactToFile();

EditContactByName editContactByName = new EditContactByName();

DeleteContactFromFile deleteContactFromFile = new DeleteContactFromFile();

System.out.println(" The Phone Book main menu:");

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

System.out.println(" Please type a command or 'exit' to quit:");

mainMenu.MainMenu();

System.out.print("> ");

Map<String, List<String>> contacts = new TreeMap<>();

loadContactsFromFile.loadContactsFromFile(contacts);

Scanner input = new Scanner(System.in);

String line = input.nextLine().trim();

while (!line.equals("exit")) {

switch (line) {

case "list":

listContactsInFile.listContactsInFile(contacts);

break;

case "show":

showContactInFile.showContactInFile(contacts, input);

break;

case "find":

FindContactInFile.findContactInFile(contacts, input);

break;

case "add":

AddContactToFile.addContactToFile(contacts, input);

break;

case "edit":

EditContactByName.editContactByName(contacts, input);

break;

case "delete":

DeleteContactFromFile.deleteContactFromFile(contacts, input);

break;

case "help":

mainMenu.MainMenu();

break;

default:

System.out.println("Invalid command!");

break;

}

System.out.print("\n> ");

line = input.nextLine().trim();

}

System.out.println("Good bay, Phone Book is terminated now.");

}

}