package PhoneBookIgorLanger;

import java.util.List;

import java.util.Map;

import java.util.Scanner;

public class FindContactInFile {

/\*\*

\* This is a function where you can search a name by user number.

\* And also what a user wants to do with the value that found after a search

\*/

public static void findContactInFile(Map<String, List<String>> contacts, Scanner input) {

System.out.println("Enter a number to see to whom does it belong:");

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

while (!number.matches("^\\+?[0-9 ]{3,25}$")) {

System.out.println("Invalid number! May contain only digits, spaces and '+'. Min length 3, max length 25.");

System.out.println("Please enter the number again:");

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

}

for (Map.Entry<String, List<String>> entry : contacts.entrySet()) {

if (entry.getValue().contains(number)) {

System.out.println("For number " + number + " was found contact name " + entry.getKey() + " in the phone book");

}

}

System.out.println();

System.out.println("Type a command or 'exit' to quit. For a list of valid commands use 'help':");

}

}