Q . 1

package q1;

import java.util.ArrayList;

import java.util.Scanner;

public class PersonSearch {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

ArrayList<String> firstNames = new ArrayList<>();

ArrayList<String> lastNames = new ArrayList<>();

// populate the lists with some sample data

firstNames.add("John");

firstNames.add("Jane");

firstNames.add("Bob");

lastNames.add("Doe");

lastNames.add("David");

lastNames.add("Smith");

System.out.println("Enter your last name:");

String lastName = scanner.nextLine();

for (int i = 0; i < lastNames.size(); i++) {

if (lastNames.get(i).equalsIgnoreCase(lastName)) {

String firstName = firstNames.get(i);

System.out.println("Found a match! Your first name is " + firstName + ".");

return;

}

}

System.out.println("No match found for your last name.");

    }

}