import java.io.IOException;

import java.util.Scanner;

import java.util.TreeSet;

public class Customer

{

String fn;

String ln;

String cn;

String em;

String pt;

String pi;

public Customer(String fn, String ln, String cn, String em, String pt,

String pi) {

super();

this.fn = fn;

this.ln = ln;

this.cn = cn;

this.em = em;

this.pt = pt;

this.pi = pi;

}

public String toString(){

return ("The customer details are:\nFirst Name : "+fn+"\nLast Name : "+ln+"\nContact Number : "+cn+"\nE-Mail : "+em+"\nProof Type : "+pt+"\nProof ID : "+pi);

}

}

**import** java.util.Comparator;

// sort by name

**class** EmployeeSortByName **implements** Comparator<Customer> {

**public** **int** compare(Customer emp1,Customer emp2) {

**return** emp1.fn.compareTo(emp2.fn);

}

}

import java.util.ArrayList;

import java.util.Collections;

import java.util.Iterator;

import java.util.List;

import java.util.Scanner;

import java.util.TreeSet;

public class Main

{

public static void main(String[] args)

{

String fn;

String ln;

String cn;

String em;

String pt;

String pi;

String p;

int count=0;

Scanner sc = new Scanner(System.in);

System.out.println("Customer Registration:");

System.out.println();

List<Customer> t1 = new ArrayList<Customer>();

do

{

System.out.println("Enter the customer details:");

System.out.println("Enter the first name:");

fn=sc.next();

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

ln=sc.next();

System.out.println("Enter the contact number:");

cn=sc.next();

System.out.println("Enter the e-mail id:");

em=sc.next();

System.out.println("Enter the proof type:");

pt=sc.next();

System.out.println("Enter the proof id:");

pi=sc.next();

System.out.println("Do you want to add new customer?(y/n)");

p = sc.next();

count++;

Customer c = new Customer(fn,ln,cn,em,pt,pi);

t1.add(c);

}

while(p.equals("y"));

Collections.sort(t1, new EmployeeSortByName());;

display(t1);

}

private static void display(List<Customer> t1)

{ System.out.println("The customer details are as follows");

Iterator<Customer> i1 = t1.iterator();

while(i1.hasNext()){

System.out.println(i1.next().toString());

System.out.println();

}

}

}