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package Problem1;

public class Address {
    private String street;
    private String city;
    private String zip;

    public String getStreet() {
        return street;
    }

    public String getCity() {
        return city;
    }

    public String getZip() {
        return zip;
    }

    public Address(String street, String city, String zip) {
        super();
        this.street = street;
        this.city = city;
        this.zip = zip;
    }
}
```

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package Problem1;

public class Customer {

    String firstName ;
    String lastName ;
    String socSecurityNum ;
    Address billingAddress;
    Address shippingAddress;
    public Customer(String firstName, String lastName, String socSecurityNum)
{
    super();
    this.firstName = firstName;
    this.lastName = lastName;
    this.socSecurityNum = socSecurityNum;
}
    public String toString() {
        return "[" + firstName + ", " + lastName + ", " + "ssn: " +
socSecurityNum
        + "];"
    }

    public Address getBillingAddress() {
        return billingAddress;
    }
    public void setBillingAddress(Address billingAddress) {
        this.billingAddress = billingAddress;
    }
    public Address getShippingAddress() {
        return shippingAddress;
    }
    public void setShippingAddress(Address shippingAddress) {
        this.shippingAddress = shippingAddress;
    }

    public static void main(String[] args) {

        String NAMECITY="CHICAGO";
        Customer pedro=new Customer("Pedro", "pablo", "DFDIF32304");
        Customer roberto=new Customer("roberto", "pombo", "R84332DS");
        Customer tarziso=new Customer("TARZISO", "pablo", "SDIDF04332");

        Address chicago=new Address("Avenida siempre viva 744", NAMECITY,
"3213");
        Address newyork=new Address("SIX AV", "NEW YOUR", "4312");
        Address deli=new Address("100n 400th st", "farfield", "3932");

        pedro.setBillingAddress(chicago);
        roberto.setBillingAddress(newyork);
        tarziso.setBillingAddress(deli);

        Customer[] database = new Customer[3];
        database[0]=pedro;

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        database[1]=roberto;
        database[2]=tarziso;

        for (Customer customer : database) {

            if (customer.getBillingAddress() != null )
            {
                if
(customer.getBillingAddress().getCity().equals(NAMECITY) )
                {
                    System.out.printf("UPPS , we get a person from
%s and her name is %s , %s",NAMECITY,customer.toString(),"\n");

                }
                else
                {
                    System.out.println(customer);

                }
            }
            else
            {
                System.out.println(customer);

            }

        }

    }

}

}

```