

# UML CodiFont-3

```
Main.java × Country.java × State.java × Address.java × Person.java × AddressBook.java ×
3 ▶ public class Main {
4
5 ▶   public static void main(String[] args) {
6
7       Country c1 = new Country( id: 1, name: "España");
8
9       State s1 = new State( id: 1, name: "C.Valenciana", c1);
10
11       Address a1 = new Address( street: "C/Quintana", city: "Villajoyosa", postalCode: 03570);
12
13       AddressBook ab1 = new AddressBook( code: 1);
14
15       Person p1 = new Person( name: "Yo", phoneNumber: 690199557, emailAddress: "yo@gmail.com", a1, ab1);
16       Person p2 = new Person( name: "Tu", phoneNumber: 690199557, emailAddress: "tu@gmail.com", a1, ab1);
17
18       ArrayList<Person> personitas = new ArrayList<>();
19       personitas.add(p1);
20       personitas.add(p2);
21
22       AddressBook ab2 = new AddressBook( code: 2, personitas);
23   }
24 }
25
```

```
Main.java × Country.java × State.java × Address.java × Person.java ×
1 public class Country {
2
3     private int id;
4     private String name;
5
6     public Country(int id, String name) {
7         this.id = id;
8         this.name = name;
9     }
10
11 }
12
13
```

```
Main.java × Country.java × State.java × Address.java × Person.java × AddressBook.java ×
1 public class State {
2
3     private int id;
4     private String name;
5     private Country country;
6
7     public State(int id, String name, Country country) {
8         this.id = id;
9         this.name = name;
10        this.country = country;
11    }
12
13 }
14
```

```
Main.java × Country.java × State.java × Address.java × Person.java × AddressBook.java ×
1 public class Address {
2
3     private String street;
4     private String city;
5     private int postalCode;
6     private Person person;
7
8     public Address(String street, String city, int postalCode) {
9         this.street = street;
10        this.city = city;
11        this.postalCode = postalCode;
12    }
13
14    public Address(String street, String city, int postalCode, Person person) {
15        this.street = street;
16        this.city = city;
17        this.postalCode = postalCode;
18        this.person = person;
19    }
20 }
```

```
Main.java × Country.java × State.java × Address.java × Person.java × AddressBook.java ×
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2
3     private String name;
4     private int phoneNumber;
5     private String emailAddress;
6     private Address address;
7     private AddressBook addressBook;
8
9     public Person(String name, int phoneNumber, String emailAddress, Address address, AddressBook addressBook) {
10         this.name = name;
11         this.phoneNumber = phoneNumber;
12         this.emailAddress = emailAddress;
13         this.address = address;
14     }
15
16     public void purchaseParkingPass(){
17         //to do
18     }
19
20 }
21
```

```
Main.java × Country.java × State.java × Address.java × Person.java × AddressBook.java ×
1     import java.util.ArrayList;
2
3     public class AddressBook {
4
5         private int code;
6         private ArrayList<Person> persons;
7
8
9         public AddressBook(int code) {
10             this.code = code;
11         }
12
13         public AddressBook(int code, ArrayList<Person> persons) {
14             this.code = code;
15             this.persons = persons;
16         }
17
18     }
19
```