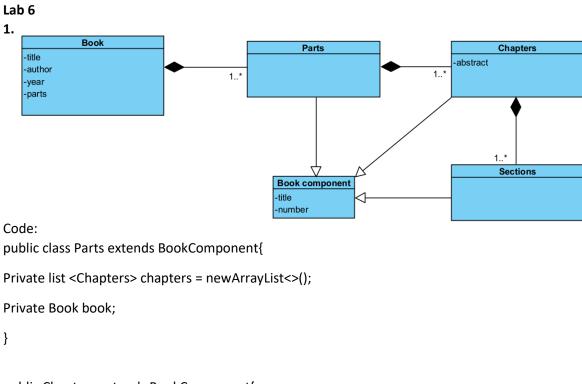
Homework



```
public Chapters extends BookComponent{
private abstract;
```

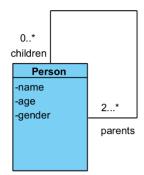
Private List<Sections> sections = newArrayList<>();

Private Parts parts;
}

Public Sections extends BookComponent{

Private Chapter chapter;

```
2.
```



```
class Person {
  private String name;
  private int age;
  private String gender;
  private ArrayList<Person> parents;
  public Person(String name, int age, String gender) {
    this.name = name;
    this.age = age;
    this.gender = gender;
    this.parents = new ArrayList<>();
  }
  public String getName() {
    return name;
  }
  public int getAge() {
    return age;
  }
  public String getGender() {
    return gender;
  }
  public void addParent(Person parent) {
    parents.add(parent);
  }
  public ArrayList<Person> getParents() {
    return parents;
  }
```

```
}
class Parent extends Person {
  private ArrayList<Person> children;
  public Parent(String name, int age, String gender) {
    super(name, age, gender);
    children = new ArrayList<>();
  }
  public void addChild(Person child) {
    children.add(child);
    child.addParent(this);
  }
  public ArrayList<Person> getChildren() {
    return children;
  }
}
class Child extends Person {
  public Child(String name, int age, String gender) {
    super(name, age, gender);
  }
}
public class FamilyTree {
  public static void main(String[] args) {
    Parent parent1 = new Parent("Popa", 21, "Male");
    Parent parent2 = new Parent("Roxana", 22, "Female");
    Child child1 = new Child("Georgiana", 19, "Female");
    Child child2 = new Child("Arthur", 8, "Male");
    parent1.addChild(child1);
    parent2.addChild(child1);
    parent2.addChild(child2);
    System.out.println("Parents of " + child1.getName() + ":");
    for (Person parent : child1.getParents()) {
      System.out.println(parent.getName())
```

} } }