Person

```
- name : String
- socialSecurityNumber : String
- age : int
- gender : String
- address : String
- telephoneNumber : String
```

```
+ Person()
+ Person(personName : String, personSSN : String, personAge : int, personGender : String, personAddress : String, personTelephoneNumber : String)
+ Person(p : Person)
+ toString() : String
+ equals(p : Person) : Boolean
+ getName() : String
+ getSSN() : String
+ getAge() : int
+ getGender() : String
+ getAddress : String
+ getTelephoneNumber() : String
+ setName(personName : String) : void
+ setSSN(personSSN : String) : void
+ setAge(personAge : int) : void
+ setGender(personGender : String) : void
+ setAddress(personAddress : String) : void
+ setTelephoneNumber(personTelephoneNumber : String) : void
+ setAll(personName : String, personSSN : String, personAge : int, personGender : String, personAddress : String, personTelephoneNumber : String) : void
```

Student

```
- gradePointAverage : double
- major : String
- yearOfGarduation : int
```

```
+ Student()
+ Student(studentgpa : double, studentMajor : String, studentyearOfGarduation : int,
personName : String, personSSN : String, personAge : int, personGender : String, personAddress : String, personTelephoneNumber : String)
+ Student(s : Student)
+ toString() : String
+ setGradePointAverage(studentGradePointAverage : double) : void
+ setMajor(sudentMajor : String) : void
+ setYearOfGarduation(studentYearOfGarduation : int) : void
+ setAll(studentgpa : double, studentMajor : String, studentyearOfGarduation : int) : void
+ equals(s : Student) : Boolean
+ getGradePointAverage() : double
+ getMajor() : String
+ getYearOfGarduation() : int
```

Employee

```
- department : String
- jobTitle : String
- yearHired : int
```

```
+ Employee()
+ Employee(employeeDepartment : String, employeeJobTitle : String, employeeYearHired : int,
personName : String, personSSN : String, personAge : int, personGender : String, personAddress : String, personTelephoneNumber : String)
+ Employee(e : Employee)
+ toString() : String
+ setDepartment(employeeDepartment : String) : void
+ setJobTitle(employeeJobTitle : String) : void
+ setYearHired(employeeYearHired : int) : void
+ setAll((employeeDepartment : String, employeeJobTitle : String, employeeYearHired : int) : void
+ equals(e : Empolyee) : Boolean
+ getDepartment() : String
+ getJobTitle() : String
+ getYearHired() : int
```
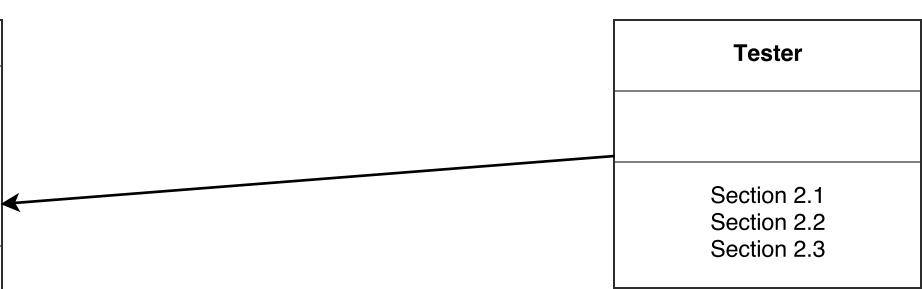
Tester
Section 2.1 Section 2.2 Section 2.3

HourlyEmployee

- hourlyRate : double
- hoursWorked : double
- unionDues : double

+ HourlyEmployee()
+ HourlyEmployee(hourlyRate : double, hoursWorked : double, unionDues : double,
employeeDepartment : String, employeeJobTitle : String, employeeYearHired : int,
personName : String, personSSN : String, personAge : int, personGender : String, personAddress : String, personTelephoneNumber : String)
+ HourlyEmployee(hourlyE : HourlyEmployee)
+ toString() : String
+ setHourlyRate(hourlyEHourlyRate : double) : void
+ setHoursWorked(hourlyEHoursWorked: double) : void
+ setUnionDues(hourlyEUnionDues : double) : void
+ equals (hourlyE : HourlyEmployee) : boolean
+ getHourlyRate() : double
+ getHoursWorked() : double
+ getUnionDues() : double

SalariedEmployee

- annualSalary : double

+ SalariedEmployee()
+ SalariedEmployee(SalariedEAnnualSalary : double, employeeDepartment : String, employeeJobTitle : String, employeeYearHired : int,
personName : String, personSSN : String, personAge : int, personGender : String, personAddress : String, personTelephoneNumber : String)
+ SalariedEmployee()
+ toString() : String
+ setAnnualSalary(salariedEmployeeAnnualSalary : double) : void
+ setAll(salariedEmployeeAnnualSalary : double) :void
+ equals(SalariedE : SalariedEmployee) : boolean
+ getAnnualSalary() : double