```
Person
                     - String name
                     - String ssn
                     - int age
                     - String gender
                     - String address
                     - String phoneNumber
                     + Person()
                     + Person (String name, String ssn, int age,
                                String gender, String addr, String phone)
                     + setName(String name) : void
                     + getName() : String
                     + setSSN(String ssn) : void
                     + getSSN() : String
                     + setAge(int age) : void
                     + getAge() : int
                     + setGender(String gender) : void
                     + getGender() : String
                     + setAddress(String address) : void
                     + getAddress() : String
                     + setPhone(String phone) : void
                     + getPhone() : String
                     + toString() : String
              Student
                                                                     Employee
- float gpa
                                                      - String dept
- String major
                                                      - String title
- int gradYear
                                                      - int yearHired
+ Student()
                                                      + Employee()
+ Student(float gpa, String major,
                                                      + Employee (String dept, String title,
           int gradYear)
                                                                   int year)
+ setGPA(float gpa) : void
                                                      + setDept(String dept) : void
+ getGPA() : float
                                                      + getDept() : String
+ setMajor(String major) : void
                                                      + setTitle(String title) : void
+ getMajor() : String
                                                      + getTitle() : String
+ setGradYear(int year) : void
                                                      + setYearHired(int year) : void
+ getGradYear() : int
                                                      + getyearHired() : int
+ toString() : String
                                                      + toString() : String
             HourlyEmployee
- float hourlyRate
- float hoursWorked
- float unionDues
+ HourlyEmployee()
+ HourlyEmployee(float rate, float hours,
                    float dues)
                                                            SalariedEmployee
+ setRate(float rate) : void
                                                    - float salary
+ getRate() : float
                                                    + SalariedEmployee()
+ setHoursWorked(float hours) : void
                                                    + SalariedEmployee(float salary)
+ getHoursWorked() : float
                                                    + setSalary(float salary) : void
+ setUnionDues(float dues) : void
                                                    + getSalary() : float
+ getUnionDues() : float
```

+ toString() : String

+ toString() : String

```
// Person toString()
public String toString() {
      return "Name: " + getName() +
            "\nSSN: " + getSSN() +
            "\nAge: " + getAge() +
            "\nGender: " + getGenter() +
            "\nAddress: " + getAddress() +
            "\nPhone Number: " + getPhone() + "\n";
}
// Student toString()
public String toString() {
      return super.toString() +
            "GPA: " + getGPA() +
            "\nMajor: " + getMajor() +
            "\nGraduation Year: " + getGradYear() + "\n";
}
// Employee toString()
public String toString() {
      return super.toString() +
            "Department: " + getDept() +
            "\nTitle: " + getTitle() +
            "\nYear Hired: " + getYearHired() + "\n";
}
// HourlyEmployee toString()
public String toString() {
      return super.toString() +
            "Hourly Rate: " + getRate() +
            "\nHours Worked: " + getHoursWorked() +
            "\nUnion Dues: " + getUnionDues() + "\n";
}
// SalariedEmployee toString()
public String toString() {
      return super.toString() +
            "Annual Salary: " + getSalary() + "\n";
}
// Describe how polymorphism would work with the toString() method
Because toString() is inherited from the Object class, every object
created has a toString() method. When the object's toString() is invoked,
the compiler searches for it in the object's class. If it is defined there,
it is called (the method is said to override the toString() inherited
from Object). If it is not defined, the compiler searches up its superclasses
until it finds a definition (ultimately Object's toString() if it can't find
anything else).
```