## **Employee**

- name: String - serialNumber: int
- + Employee()
- + Employee(name: String, serialNumber: int)
- + getName(): String + getSerialNumber(): int
- + setName(name: String): void
- + setSerialNumber(serialNumber: int): void
- + getFedWitholding(): double + getStateWitholding(): double
- + getNetPay(): double + displayPayroll(): void
- + getGrossPay(): double

## W11

- + main(args: String[]): void
- + displayIntro(): void
- + sayGoodbye(): void

## **HourlyEmployee**

- hourlyWage: doublehoursWorked: double
- + HourlyEmployee()
- + HourlyEmployee(name: String,

serialNumber: int, hourlyWage: double, hoursWorked: double)

- + getHourlyWage(): double
- + getHoursWorked(): double
- + setHourlyWage(hourlyWage: double): void
- + setHoursWorked(hoursWorked: double): void
- + getGrossPay(): double

## SalariedEmployee

- annualSalary: double
- + SalariedEmployee()
- + SalariedEmployee(name: String, serialNumber: int, annualSalary: double)
- + getAnnualSalary(): double
- + setAnualSalary(annualSalary: double): void
- + getGrossPay(): double