|  |
| --- |
| Person(  - name: String,  - address: String,  - phoneNumber: String,  - emailAddress: String) |
| + Person()  + Person(name: String,  address: String,  phoneNumber: String,  emailAddress: String)  + getName(): String  + getAddress(): String  + getPhoneNumber(): String  + getEmailAddress(): String  + setName(name: String): void  + setAddress(address: String): void  + setPhoneNumber(phoneNumber: String): void  + setEmailAddress(emailAddress: String): void  + toString(): String @Override |

|  |
| --- |
| Student extends Person (  - CLASS\_STATUS: constant String <freshman, sophomore, junior, senior>) |
| + Student()  + Student(name: String,  address: String,  phoneNumber: String,  emailAddress: String,  CLASS\_STATUS: constant String)  + getClassStatus(): String  + setClassStatus(CLASS\_STATUS: String): constant String  + toString(): String @Override |

|  |
| --- |
| Employee extends Person (  - office: string  - salary: double  - dateHired: MyDate) |
| + Employee()  + Employee(name: String,  address: String,  phoneNumber: String,  emailAddress: String,  office: String,  salary: double,  dateHired: MyDate)  + getOffice(): String  + getSalary(): double  + getDateHired(): myDate  + setOffice(office: String): void  + setSalary(salary: double): void  + setDateHired(dateHired: MyDate): void  + toString(): String @Override |

|  |
| --- |
| Faculty extends Employee (  - officeHours  - rank) |
| + Faculty()  + Faculty(name: String,  address: String,  phoneNumber: String,  emailAddress: String,  office: String,  salary: double,  dateHired: myDate,  officeHours: String,  rank: string)  + getOfficeHours(): String  + getRank(): String  + setOfficeHours(officeHours: String): void  +setRank(rank: String): void  + toString(): String @Override |

|  |
| --- |
| Staff extends Employee (  - title) |
| + Staff()  + Staff(name: String,  address: String,  phoneNumber: String,  emailAddress: String,  office: String,  salary: double,  dateHired: myDate,  title: String)  + getTitle(): String  + setTitle(title: String): void  + toString(): String @Override |

|  |
| --- |
| MyDate (  - year: int,  - month: int,  - day: int,  - date: GregorianCalendar) |
| + MyDate()  + MyDate(elapsedTime: long)  + MyDate(year: int,  month: int,  day: int)  + getYear(): int  + getMonth(): int  + getDay(): int  + setDate(elapsedTime: long): void |