

## Class Employee

```
package Program03;

import java.util.Date;

public class Employee extends Person{
    private String office;
    private double salary;
    private Date date_hired;
    Employee(){
        date_hired = new Date();
    }
    public Employee(String office, double salary) {
        this.office = office;
        this.salary = salary;
        date_hired = new Date();
    }
    public Employee(String name, String address, String phonenumber, String
email, String office, double salary) {
        super(name, address, phonenumber, email);
        this.office = office;
        this.salary = salary;
        date_hired = new Date();
    }

    public String getOffice() {
        return office;
    }
    public void setOffice(String office) {
        this.office = office;
    }
    public double getSalary() {
        return salary;
    }
    public void setSalary(double salary) {
        this.salary = salary;
    }
    public String getDate_hired() {
        return date_hired.toString();
    }
    @Override
    public String toString() {
        return super.toString()+"Employee [date_hired=" + date_hired + ",
office=" + office + ", salary=" + salary + "]\n";
    }
}
```

## Class Faculty

```
package Program03;

import java.util.Date;

public class Faculty extends Employee {
    private double officehours;
    private String rank;

    public Faculty(double officehours, String rank) {
        this.officehours = officehours;
        this.rank = rank;
    }
    public Faculty(String office, double salary, double officehours, String
rank) {
        super(office, salary);
        this.officehours = officehours;
        this.rank = rank;
    }
    public Faculty(String name, String address, String phonenumber, String
email, String office, double salary,
        Date date_hired, double officehours, String rank) {
        super(name, address, phonenumber, email, office, salary);
        this.officehours = officehours;
        this.rank = rank;
    }
    public double getOfficehours() {
        return officehours;
    }
    public void setOfficehours(double officehours) {
        this.officehours = officehours;
    }
    public String getRank() {
        return rank;
    }
    public void setRank(String rank) {
        this.rank = rank;
    }
    @Override
    public String toString() {
        return super.toString()+"Faculty [officehours=" + officehours + ",
rank=" + rank + "]\n";
    }
}
```

## Class Person

```
package Program03;

public class Person {
    private String name;
    private String address;
    private String phonenumber;
    private String email;

    Person(){

    }

    Person(String name, String address, String phonenumber, String email) {
        this.name = name;
        this.address = address;
        this.phonenumber = phonenumber;
        this.email = email;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getAddress() {
        return address;
    }

    public void setAddress(String address) {
        this.address = address;
    }

    public String getPhonenumber() {
        return phonenumber;
    }

    public void setPhonenumber(String phonenumber) {
        this.phonenumber = phonenumber;
    }

    public String getEmail() {
        return email;
    }
}
```

```
}

    public void setEmail(String email) {
        this.email = email;
    }

    @Override
    public String toString() {
        return "Person [address=" + address + ", email=" + email + ", name=" +
name + ", phonenumber=" + phonenumber
            + "]";
    }

}
```

## Class Staff

```
package Program03;

public class Staff extends Employee {
    private String title;

    public Staff(String name, String address, String phonenumber, String email, String office, double salary, String title) {
        super(name, address, phonenumber, email, office, salary);
        this.title = title;
    }

    public Staff(String title) {
        this.title = title;
    }

    public Staff(String office, double salary, String title) {
        super(office, salary);
        this.title = title;
    }

    public String getTitle() {
        return title;
    }

    public void setTitle(String title) {
        this.title = title;
    }

    @Override
    public String toString() {
        return super.toString()+"Staff [title=" + title + "];"
    }
}
```

## Class Student

```
package Program03;

public class Student extends Person{
    public static enum Status{
        FRESHMAN,SOPHOMORE,JUNIOR,SENIOR
    }
    private Status status;
    Student(){

    }
    public Student(String name, String address, String phonenumber, String
email, Status status) {
        super(name, address, phonenumber, email);
        this.status = status;
    }

    public Status getStatus() {
        return status;
    }

    public void setStatus(Status status) {
        this.status = status;
    }
    @Override
    public String toString() {
        return super.toString() + "Student [status=" + status + "];"
    }
}
```

## Class Main

```
package Program03;

public class Student extends Person{
    public static enum Status{
        FRESHMAN,SOPHOMORE,JUNIOR,SENIOR
    }
    private Status status;
    Student(){

    }
    public Student(String name, String address, String phonenumber, String
email, Status status) {
        super(name, address, phonenumber, email);
        this.status = status;
    }

    public Status getStatus() {
        return status;
    }

    public void setStatus(Status status) {
        this.status = status;
    }
    @Override
    public String toString() {
        return super.toString() + "Student [status=" + status + "];"
    }
}
```