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 + "]";

    }

}

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 + "]";

    }

}

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 + "]";

    }

}