

Person Class:

```
public class Person extends MyDate {

    private static String Ssn;
    private static String Name;
    private String Address;
    private String Email;
    private MyDate BDate = new MyDate() ;

    //Setter Methods
    public void setSsn(String ssn){ this.Ssn=ssn;}
    public void setName(String name){this.Name=name;}
    public void setAddress(String address){this.Address=address;}
    public void setEmail(String email) { Email = email; }
    public void setBDate(int day,int month,int year){
        this.BDate.Day=day;
        this.BDate.Month=month;
        this.BDate.Year=year;
    }
    //Getter Methods
    public String getSsn(){return Ssn;}
    public String getName(){return Name;}
    public String getAddress(){return Address;}
    public String getEmail(){return Email;}
    public MyDate getBDate(){return BDate;}
    //The First Constructor is Default that is Called when create new object
    //There are no-args and parametized Constructors
    public Person(String name){
        this.Name=name;
    }
    public Person(){
        this.Email=null;this.Name=null;this.Address=null;
    }
}
```

Student Class:

```
public class Student extends Person {
    private int SID;
    private double Grad;
    private int class_statu;
    //Setter Methods
    public void setSID(int id){this.SID=id;}
    public void setGrad(double grad){this.Grad=grad;}
    public void setClass_statu(int statu){this.class_statu=statu;}
    //Getter Methods
    public int getSID(){return SID;}
    public int getClass_statu(){return class_statu;}
    public double getGrad(){return Grad;}
    //The First Constructor is Default that is Called when create new object
    //There are no-args and parametized Constructors
    public Student(){
        Grad=0.0;
        class_statu=0;
    }
    public Student(double grad,int statu){
        this.Grad=grad;
        this.class_statu=0;
    }
}
```

Employee Class:

```
public class Employee extends Person {
    private int EID;
    private MyDate HDate;
    private double Salary;
    private String Name;
    //Setter Methods
    public void setEID(int id){this.EID=id;}
    public void setHDate(int day,int month,int year){
        HDate.Day=day;
        HDate.Month=month;
        HDate.Year=year;
    }
    public void setSalary(double salary){this.Salary=salary;}
    //Getter Methods
    public int getEID(){return EID;}
    public MyDate getHDate(){return HDate;}
    public double getSalary() { return Salary; }
    //The First Constructor is Default that is Called when create new object
    //There are no-args and parametized Constructors
    public Employee(){Salary=0.0; }
    public Employee(double salary){ this.Salary=salary;}
}
```

UnderGradStud Class:

```
public class UnderGradStud extends Student {
    private double GPA;
    private double Hours;
    //Setter Methods
    public void setGPA(double gpa){this.GPA=gpa;}
    public void setHours(double hours){this.Hours=hours;}
    //Getter Methods
    public double getGPA(){return GPA;}

    public double getHours() {
        return Hours;
    }

    public UnderGradStud(){
        GPA=0.0;
        Hours=0.0;
    }
    public UnderGradStud(double gpa,double hours){
        this.GPA=gpa;
        this.Hours=hours;
    }
}
```

PostGradStudent Class:

```
public class PostGradStudent extends Student{  
}
```

MasterStud Class:

```
public class MasterStud extends PostGradStudent {  
}
```

PhdStudent Class:

```
public class PhdStud extends PostGradStudent {  
}
```

MyDate Class:

```
public class MyDate {  
    public int Day;  
    public int Month;  
    public int Year;  
}
```