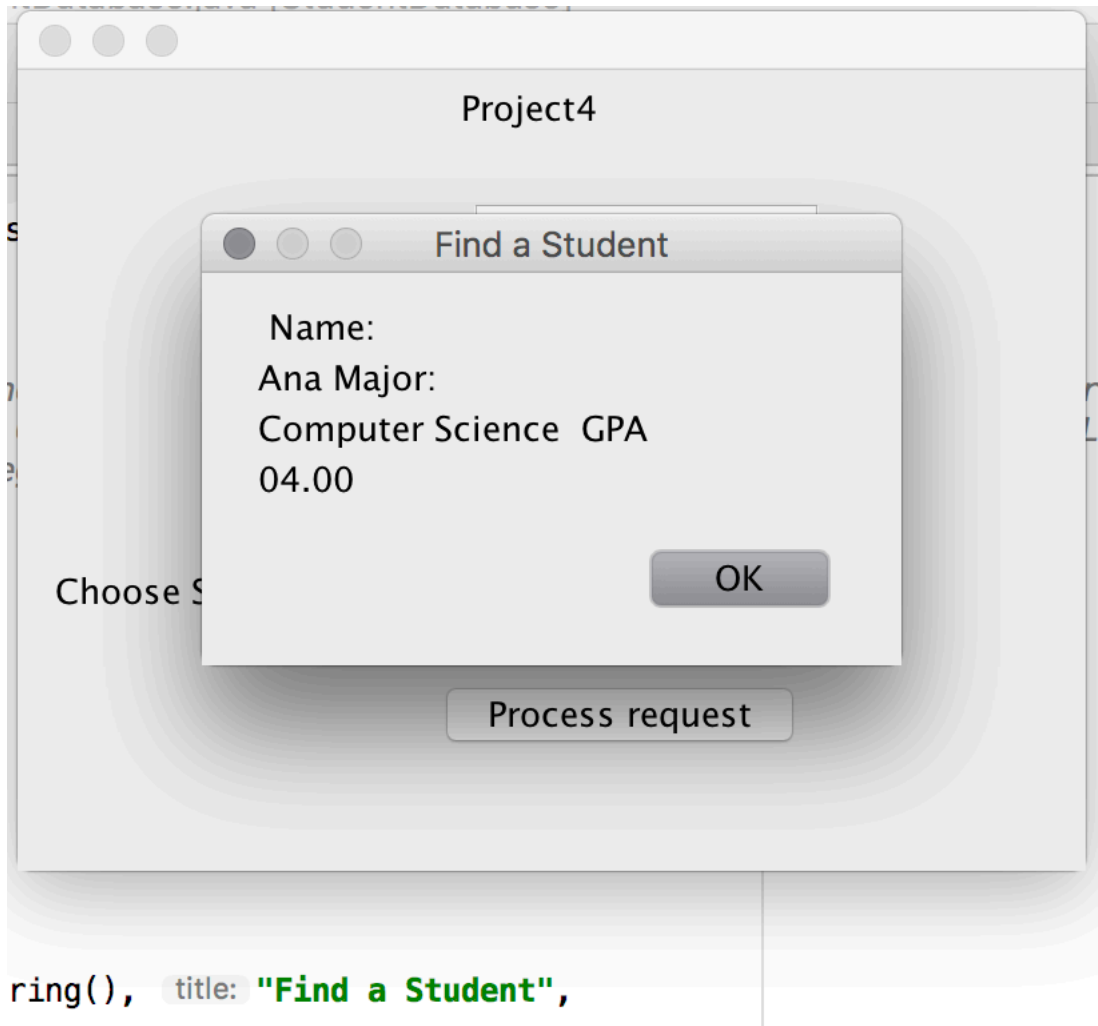


Autumn Capasso  
UMUC  
Oct 14, 2018

## Project 4

Input	Expected Outcome	Outcome	
<b>Id: 001</b> <b>Name:Ana</b> <b>Major: Computer Science</b> <b>(insert)</b>	<b>Id: 001</b> <b>Name:Ana</b> <b>Major: Computer Science</b>	<b>Id: 001</b> <b>Name:Ana</b> <b>Major: Computer Science</b>	
<b>Find</b>	<b>Name:Ana</b> <b>Major: Computer Science</b> <b>GPA</b>	Name: Ana Major: Computer Science GPA 04.00	
<b>Update</b>	Chose grade window pop up	Choose grade window pop up	
<b>Delete</b>	Delete Ana	Student ID 001 Ann Major Computer science has now been deleted	



Database [~/StudentDatabase] - .../src/StudentDatabase.java [StudentDatabase]

Project4

```
OptionPane.showInputDialog( parentComponent:  
"ION_MESSAGE", icon: null,  
"it");  
le, Integer.parseInt(  
  
g) JOptionPane.showI  
OptionPane.showInputD  
ing.valueOf(gradesStr  
ieInt(id), student);  
  
ID in DB");
```

Delete Student



Student ID001

Student name:AnaMajor:Computer Science has now been removed from the database.

OK

Process request

```
{  
itData.get(id);  
g( parentComponent: this, studentInfo.toString(), title: "Find a Student",  
MESSAGE );  
  
g( parentComponent: this, message: + id + "This Student ID is not in the database",  
t",  
MESSAGE);  
  
args){  
:Database();
```

[~/StudentDatabase] - .../src/StudentDatabase.java [StudentDatabase]

```
showInputDialog( parentComponent:  
IGE, icon: null, credits, credits
```

```
or.parseInt(credit));
```

```
onPane.showInputDialog(null, "Ch  
:showInputDialog(null, "Choose  
f(gradesString.charAt(0)), Inte  
student);
```

```
;
```

```
:(id);  
omponent: this
```

```
omponent: this
```


```
);
```

### Project4

Id:

Name:

Major:

Choose Selection:  

### Input



Choose Grade



a Student",


not in the database",

StudentDatabase [~/StudentDatabase] - .../src/St

StudentDatabase > src > StudentDatabase >

Project4

Delete Student

 Student ID001  
Student name:AnaMajor:Computer Science has now been removed from the database.

OK

Process request

```
id){
    key(id)){
        = studentData.get(id);
    JOptionPane.showMessageDialog( parentComponent: this, studentInfo.
        JOptionPane.PLAIN_MESSAGE );
    }else {
        JOptionPane.showMessageDialog( parentComponent: this, message: + i
            title: "Find a Student",
            JOptionPane.WARNING_MESSAGE);
    }
}

//Main Method
public static void main (String [] args){
    StudentDatabase sd = new StudentDatabase();
    sd.setVisible(true);
}
```

