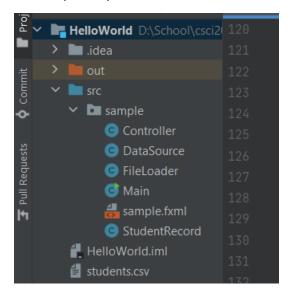
Lab08

Shayne Lewis

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Local Repository



Github Repository



https://github.com/shayne-lewis/csci2020u shaynelewis/tree/master/lab08

Sample.fxml

FileLoader.java

Controller.java

```
public class Controller {

@FXML
private TableView tableView;

@FXML
private TableColumn studentID;

@FXML
private TableColumn midterm;

@FXML
private TableColumn assignments;

@FXML
private TableColumn finalExam;

@FXML
private TableColumn finalMark;

@FXML
private TableColumn letterGrade;

@FXML
private TableColumn letterGrade;

@FXML
private MenuBar menuBar;

@FXML
private MenuBar menuBar;

@FXML
private MenuItem newFile;

@FXML
private MenuItem newFile;

@FXML
private MenuItem save;

@FXML
private MenuItem save;

@FXML
private MenuItem saveAs;

@FXML
private MenuItem exit;
```

```
gFXML
public void saveClicked(Event e){
StudentRecord record;
List List List stristString>> arrList = new ArrayList<>();
for (int i = 0; i < tableView.getItems().size(); i++){
    record = (StudentRecord) tableView.getItems().get(i);
    arrList.add(new ArrayList<>());
    arrList.get(i).add(record.getStudentID());
    arrList.get(i).add(String.valueOf(record.getAssignments()));
    arrList.get(i).add(String.valueOf(record.getFinalExam()));
}

StringBuilder sb = new StringBuilder();
for (int i = 0; i < arrList.size(); i++){
    for (int j = 0; j < arrList.get(i).size(); j++){
        //System.out.println(arrList.get(i).get(j));
        sb.append(arrList.get(i).get(j));
        sb.append('\n');
    }

try (PrintWriter pw = new PrintWriter(new File(currentFilename))){
    pw.append(sb.toString());
}

catch (FileNotFoundException err){
    err.printStackTrace();
}
</pre>
```

```
public void saveAsClicked(Event e) {{\text{StudentRecord \frac{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}{record}
```

Output Window

Lab05				_	· 🗆 ×
File					
New	Assignments	Midterm	Final Exam	Final Mark	Letter Grade
1 Open	75.0	68.0	54.25	62.525	С
1 Save	70.0	69.25	51.5	60.525	С
1 Save As	100.0	97.0	92.5	95.35	Α
1 Exit	90.0	88.5	68.75	78.925	В
100100104	72.25	74.75	58.25	66.0	С
100100105	85.0	56.0	62.5	65.05	С
100100106	70.0	66.5	61.75	64.825	С
100100107	55.0	47.0	50.5	50.35	D
100100108	40.0	32.5	27.75	31.625	F
100100109	82.5	77.0	74.25	76.725	В