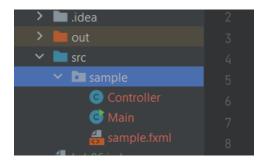
Lab09

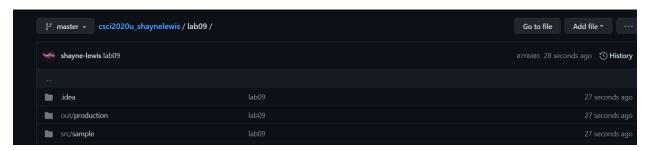
**Shayne Lewis** 

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## **Local Repository**



## **Github Repository**



https://github.com/shayne-lewis/csci2020u\_shaynelewis/tree/master/lab09

## Controller.java (only file with relevant changes)

```
public class Controller {
    @FXML private Canvas mainCanvas;
    @FXML private GraphicsContext gc;

private List<String[]> googleData = new ArrayList<String[]>();
private List<String[]> appleData = new ArrayList<String[]>();
private ArrayList<Float> googleClose = new ArrayList<>();

private ArrayList<Float> appleClose = new ArrayList<>();

@FXML public void initialize() {
    gc = mainCanvas.getGraphicsContext2D();
    downloadStockPrices();
    closeGoogle();
    closeApple();
    drawLinePlot(googleData, appleData);
}
```

```
public void downloadStockPrices(){
       String sURL = "https://query1.finance.yahoo.com/v7/finance/download/G00G?period1=" +
       InputStream inStream = conn.getInputStream();
       Scanner s = new Scanner(inStream);
       while(s.hasNext()){
           String[] columns = line.split( regex: ",");
        URL netURL2 = new URL(sURL2);
        conn2.setDoOutput(false);
        InputStream inStream2 = conn2.getInputStream();
        while(s2.hasNext()){
            String[] columns2 = line2.split( regex: ",");
    catch (Exception e){
```

```
public void closeApple(){
   boolean <u>firstLine</u> = true;
public void drawLinePlot(List googleData, List appleData){
       double x2 = 0;
```

## Output

