

```
/*
 * CS5405
 * Homework 05
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 * October 16, 2018
 *
 * ButtonSegmentController.java
 */
```

```
package code;
```

```
import javafx.scene.layout.BorderPane;
import javafx.event.EventHandler;
import javafx.event.ActionEvent;
import javafx.scene.control.Button;
```

```
public class ButtonSegmentController extends BorderPane implements
    EventHandler<ActionEvent> {
```

```
    private ButtonMenu buttonMenu;
    private ButtonSegmentControllerDataSource dataSource;
```

```
    public ButtonSegmentController(ButtonSegmentControllerDataSource dataSource)
    {
        super();

        this.buttonMenu = new ButtonMenu();
        this.dataSource = dataSource;

        this.setTop(this.buttonMenu);

        this.reloadData();
    }
```

```
    public void reloadData() {

        this.buttonMenu.removeAllButtons();

        for(int i = 0; i < this.dataSource.getNumberOfSegments(); i++) {
            this.buttonMenu.addButton(
                this,
                this.dataSource.getTitleForSegment(i)
            );
        }

        if(this.dataSource.getNumberOfSegments() > 0) {
            this.setCenter(
```

```
        this.dataSource.getPaneForSegment(  
            this.dataSource.getTitleForSegment(0)  
        )  
    );  
}  
}
```

```
@Override  
public void handle(ActionEvent actionEvent) {  
    String senderTitle = ((Button)actionEvent.getSource()).getText();  
  
    this.setCenter(this.dataSource.getPaneForSegment(senderTitle));  
}  
}
```