

Model View Controller (MVC) pattern for Assignment 4

<i>Test class with main() method</i>		
<ul style="list-style-type: none"> • Contains my Model, View, and Controller • Controller should be created last, so we can pass it the Model and View • Set View (JFrame) to visible 		
<i>Model</i>	<i>View</i>	<i>Controller</i>
<ul style="list-style-type: none"> • One <i>Mortgage</i> class • Contains your data • Store your properties/variables as private • Public Get/set methods for the properties • May contain methods related to the Mortgage class (eg. method to calculate interest portion, given principal and interest factor) 	<ul style="list-style-type: none"> • GUI • Contains all the UI elements: panels, labels, text fields, buttons, combo boxes, radio buttons • Get/set methods to get values from user input, set values to display results • Methods to attach listeners to elements 	<ul style="list-style-type: none"> • All your listeners go here • Use get/set methods to interact with both your Model and your View. • Use methods from your View to attach listeners to elements

** Model and View are completely independent and do not interact with each other at all. All the interaction is done by the Controller.

Packages

Refer to my website for how to use Packages in Eclipse/cmd. Assignment 4 specifies putting all your files into a package called *lab4*.