

<Carat weight: > <Error: if carat weight less than 1; blank>

<Clarity: > <Error: if neither flawless nor notFlawless>

<Color: > <Error: if it is not D or K or T>

OK

<The base price of the diamon is \$xxx>
<The final price of the diamon is \$xxx>

Error and Result labels start invisible

Ok button event handler:

Get the Carat weight TextField. If Blank, or less than 1, display error.

Get the Clarity TextField. If neither flawless nor notFlawless, display error.

Get the Color TextField. If it is not D or K or T, display error.

If no errors:

Creat Diamond object with carat weight, clarity, color as parameters.

Execute the calcBasePrice method

Execute the getBasePrice method and store in basePrice

Execute the calcfinalPrice method

Execute the getFinalPrice method and store in FinalPrice

Set the text of the result label to "The base price of the diamon is \$" + basePrice

Set the text of the result label to "The final price of the diamon is \$" + finalPrice

Display the result Label