

How Do I Work?

(30 points, estimated time: 60 minutes)

Overview

This assignment has you investigate how a form's functionality has been engineered. It draws from material covered earlier in the semester and some of the recently-assigned SQL topics.

Setup

1. Launch *Word* (or another word processor) and create a new document with your name in the top line. Save your document in your `\CIS217 Data Files\Others` folder as **How Do I Work Answers - yournamehere.doc**. Keep *Word* open so you can type answers to the tasks in this assignment.
2. Use the link embedded in the Blackboard assignment to download **Homes Sold.mdb** to your `\CIS217 Data Files\Others` folder.
3. Launch *Access* and open **Homes Sold.mdb**. It contains one table, one form, one report, and one standard module.

Use the Objects

4. Open **tblHomesSold** in Datasheet view and browse the data. It stores information about recently sold homes. Switch into Design view to become familiar with the field names. Close the table.
5. Open **rptHomesSold** in Print Preview. It displays home sale records, grouped by zip code. Close the report.
6. Open **frmHomesSold** in Form View. Notice it has a map on the left, a list box on the right, and two command buttons. The list box currently shows no records.
7. Click the map anywhere in Zip Code 85213. Notice the list box now shows the homes sold in Zip Code 85213. Notice the label above the list box now indicates that Zip Code 85213 was selected.
8. Click the map anywhere in Zip Code 85215. Notice the list box now shows the homes sold in Zip Code 85215. Notice the label above the list box now indicates that Zip Code 85215 was selected.
9. Click the map anywhere in Zip Code 85204. Notice the list box now shows that no homes were sold in Zip Code 85204. Notice the label above the list box now indicates that Zip Code 85204 was selected.

Uncover Functionality in *frmHomesSold*

10. Switch from Form View into Design View and discover the answers to the questions that follow.
11. When the form first opens, the list box is empty and the Print button is grayed out. **How were these accomplished?** Return to *Word*, start a new paragraph and type **Task 11**, then type your answer. Be specific regarding object names, procedure names, events, and properties.
12. When a user selects an area on the map (such as 85213), **how does the list box end up showing the homes sold for that zip code?** Return to *Word* and start a new paragraph and type **Task 12**, then type your answer. Be specific regarding object names, procedure names, events, and properties.
13. When a user selects an area on the map (such as 85213), **how does the label above the list box end up showing the zip code for the selected area?** Return to *Word* and start a new paragraph and type **Task 13**, then type your answer. Be specific regarding object names, procedure names, events, and properties.
14. When a user selects an area that has no home sales (such as 85204), they are not able to use the Print button. **How is this button's availability being controlled?** Return to *Word* and start a new paragraph and type **Task 14**, then type your answer. Be specific regarding object names, procedure names, events, and properties.
15. When a user selects an area that *does* have home sales (such as 85213), they are able to use the Print button to see a report listing homes sold in that zip code. **How does the report know which homes to display?** Return to *Word* and start a new paragraph and type **Task 15**, then type your answer. Be specific regarding object names, procedure names, events, and properties.

Wrap Up

16. Review each of your answers. Polish each so it is a concise explanation.
17. Save your answers document and close *Word*.
18. Backup your **How Do I Work Answers-yournamehere.doc** file.