

Editing and Browsing Data

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Chapter Overview

This chapter shows you how to edit and browse your data. Editing your data enables you to make changes to your data. When you are browsing your data, you can only look at the data; you cannot change the data. You can edit or browse multiple rows of your data at one time in a tabular format, or each row separately, one row at a time. To browse your data, follow the instructions in this chapter, but choose **Browse Data...** instead of **Edit Data...**

Additional Information

For more information on editing and browsing data, refer to the online help for the FSEDIT and FSVIEW windows.

Editing Data in a Tabular Format

1 To edit or browse data, follow this selection path:



The Edit Data window appears.

Note: For this example you will edit the data, but if you wanted only to browse the data, you would select **Browse Data...** as the last step of the selection path. \triangle

Display 7.1 Edit Data Window

					Edit Data					•		66
	 ROW 1 2 3 4 5 	Tabular NAME Ann Carl Lisa Pat Rose	AGE 15 22 13 11 21	SEX F M F M F	Select type: - - - - - - - - - - - - - - -		Sing1 NAME: AGE: SEX:	e row Ann 15 F	ROW 1 		Data Analysis	
Gol		Results			E Setup] E→ E×it	
						1]			

2 Select Tabular format. The Edit Data in Tabular Format window appears.

Display 7.2 Edit Data in Tabular Format Window

SAS/ASSIST: Edit Data in Tabular Fo	ormat	@ @a
You can specify an alternate customized formula. For more information, place ? in the first column Use Run to perform task. Use Goback to return to p	of any data entry field. previous menu.	
Edit Data in Tabular Format Table: Information for optional customized formula: Libref: -NONE- Catalog: [] Formula: []	ROW 1 NAME: Ann AGE: 15 SEX: F 	Data Analysis
Run Goback Help	A 語 行言 Index	Exit

3 If the active table is SASUSER.HOUSES, continue to the next step. Otherwise, select **Table**, and then select the SASUSER.HOUSES table. For more information on selecting tables, see "Selecting a Table" on page 24.

4 Select **Run** at the bottom of the Edit Data in Tabular Form window. The data from the SASUSER.HOUSES table appears in the FSVIEW window. Disregard any notes in the message area about a formula.

	FSVIEW: SASUSER.HOUSES (E)									
File	<u>E</u> dit <u>V</u> iew	Tools	<u>S</u> earch S	Solutions	Help					
NOTE:	Unable t	o fin	d SASUSI	ER.HOUS	ES.Hou	ses.FORM	ULA.			
<u>Obs</u>	<u>style</u>		so	feet	be	drooms		baths	street	_
1	RANCH	T		1250		2		1	Shennard Avenue	F
2	SPLIT	-		1190		1		1	Rand Street	1
3	CONDO)		1400		2		1.5	Market Street	
4	TWOST	ORY		1810		4		3	Garris Street	
5	RANCH	I		1500		3		3	Kemble Avenue	
6	SPLIT			1615		4		3	West Drive	
7	SPLIT			1305		3		1.5	Graham Avenue	
8	CONDO)		1390		3		2.5	Hampshire Avenu	e
9	TWOST	ORY		1040		2		1	Sanders Road	
10	CONDO)		2105		4		2.5	Jeans Avenue	
11	RANCH	I		1535		3		3	State Highway	
12	TWOST	ORY		1240		2		1	Fairbanks Circl	e
13	RANCH	I		720		1		1	Nicholson Drive	
14	TWOST	ORY		1745		4		2.5	Highland Road	
15	CONDC)		1860		2		2	Arcata Avenue	
L										1
	\triangleleft									

Display 7.3 HOUSES Table Data

When you edit data in a tabular format, multiple rows are shown in one window.

5 To see the rest of the columns to the right of the window, use the scroll bars or the RIGHT and LEFT function keys. You can also use your FORWARD and BACKWARD function keys to move to the next and previous windows of rows if you have more rows than will fit in one window.

Setting the Update Mode

You can edit data in tabular format in one of two update modes: record-locking or member-locking. If you edit data in *record-locking mode*, you must first select a row before you can edit it. This method prevents you from accidentally editing the wrong row. If you edit data in *member-locking mode*, you can edit any row in the window without selecting it first. The default update mode is record-locking.

1 To set the update mode, select Edit from the menu bar, and then select **Update...** or **Set modification mode...**, depending on your operating environment. The Update... or Set modification mode window appears.

		FSVIEW:	SASUSER.HOUSES (E)		4a
<u>F</u> ile <u>I</u>	Edit ⊻iew <u>T</u> ools <u>S</u>	earch S <u>o</u> lutions I	Help		
NOTE:	Unable to find	SASUSER.HOUSES	S.Houses.FORMULA.		
<u>Obs</u>	style	sqfeet	bedrooms	baths	street
1 2	RANCH SPLIT	1250 1190	2 1	1 1	Sheppard Avenue And Street
3	CONDO	1400	2	1.5	Market Street
4	TWOSTORY		Update	В	Garris Street
5	RANCH			В	Kemble Avenue
6	SPLIT			B	West Drive
/	SPLIT	Set update mod	le.	2	Graham Avenue
8	CONDO	Select one of th	e following modes:	P	Hampshire Avenue
9	TWOSTORY				Sanders Road
10	CONDO	V MEMBER	• HEGGHB	2	Jeans Avenue
11	RANCH			ß	State Highway
12	TWOSTORY	OK	Cancel		Fairbanks Circle
13	RANCH		Calleer		Nicholson Drive
14	TWOSTORY		<u>A</u>		Highland Road
15	CONDO	1860	2	2	Arcata Avenue
_	4				

Display 7.4 Update Window

2 Select the update mode you want to use: **RECORD** (to edit one row at a time only after you have selected it) or **MEMBER** (to edit any row on the window). The Update window remains displayed.

For this example, select **RECORD** if it is not already selected, and then select **OK**. The FSVIEW window reappears.

Editing by Row

Use the following process to make changes to existing data. When record-locking is turned on, you must first select a row before you can edit it.

- **1** If you have not already done so, turn record-locking on by following the directions in the previous section.
- **2** To edit a row, select the row you want to edit. The row of data is highlighted to indicate that it is selected.

For this example, select row 15 (or the last row).

3 To edit the data, press TAB or use the right and left arrow keys to move the cursor to the data you want to change, and then type the new data over the old data. To edit another row, repeat these steps.

For this example, position the cursor on the **CONDO** style of row 15 (or the last row) and type **SPLIT** over **CONDO** (or over the existing style).

Editing by Member

Use this process to make changes to existing data. When member-locking is on, you can edit any row in the window without selecting it. To turn member-locking on, follow the directions in "Setting the Update Mode" on page 75, except select **MEMBER** in the Update window.

To edit a row, use the arrow keys to position the cursor on the data you want to change and type the new data over the old data.

Adding Data

Use this process when you want to add new information to the table. For example, you might want to add new houses for sale to the HOUSES table. Follow these same instructions to add data whether record-locking or member-locking is on:

1 To add data, follow this selection path:

Edit 🕨 Autoadd

A NEW row appears at the bottom of the window.

Display 7.5 Adding a New Row

		FSVIEW	: SASUSER.HOUS	SES (E)	@a
<u>File</u> Edit	t <u>V</u> iew <u>T</u> ools	<u>S</u> earch S <u>o</u> lutions	Help		
NOTE: Th	he AUTOADD o	ption has been	turned on.		
<u>Obs</u>	style	sqfeet	bedrooms	baths	street
6	CDLIT	1615	4	2	Mart Dutan
7	SPLII	1013	4	1 5	Guaham Assamua
0	CONDO	1200	2	1.3	
0	THOSTORY	1040	2	2.3	Sandara Road
10	CONDO	2105	Z (4	0 5	Jappa Avanua
10	RANCH	1525	4	2.3	State Highway
12	THOSTORY	1240	2	5	Esirbanks Ciralo
13	RANCH	720	ے 1	1	Nicholson Drive
14	TWOSTORY	1745	4	2 5	Highland Road
15	CONDO	1860	2	2.5	Arcata Avenue
NEW	oonbo	1000	2	2	Areata Avenue
11.Dit	-	•	•	•	
					4
	<⊥				

When the AUTOADD feature is turned on, a new row is automatically displayed at the bottom of the table. This row is not added to the table until you enter values in it. After you enter values and press ENTER, the row is added to the table and another new row is displayed.

2 Type data in each column, and press TAB to move from column to column.

Type the data where the cursor is placed within each column after you press TAB. After you type all the data for each column in the row, press ENTER. The numeric data align to the right of each column. The dollar sign and decimal are also added to the price after you press ENTER.

After you type the number of baths, you can use the scroll bars or the RIGHT and LEFT function keys to display additional columns.

For this example, type the data as follows:

STYLE	CONDO
SQFEET	1420
BEDROOMS	3
BATHS	2
STREET	Oak Street
PRICE	85000

When you have typed one row of data and pressed ENTER, another NEW row appears at the bottom of the window. This is a result of the AUTOADD feature.

Display 7.6 New Row

			FSVIEW	: SASUSER.HOU	SES (E)	@ඛ
File	<u>E</u> dit <u>V</u> iew <u>T</u> o	ols <u>S</u> earch	S <u>o</u> lutions	Help		
<u>Obs</u>	<u>style</u>		sqfeet	bedrooms	baths	street
6	SPLIT		1615	4	3	West Drive 🛛
7	SPLIT		1305	3	1.5	Graham Avenue
8	CONDO		1390	3	2.5	Hampshire Avenue
9	TWOSTOR	Y	1040	2	1	Sanders Road
10	CONDO		2105	4	2.5	Jeans Avenue
11	RANCH		1535	3	3	State Highway
12	TWOSTOR	Y	1240	2	1	Fairbanks Circle
13	RANCH		720	1	1	Nicholson Drive
14	TWOSTOR	Y	1745	4	2.5	Highland Road
15	CONDO		1860	2	2	Arcata Avenue
16	CONDO		1420	3	2	Oak Street
NEW						
	-					
						H
	4					

3 When you have finished entering new rows, follow this selection path:

Edit **>** Autoadd

The Autoadd feature is turned off.

Duplicating Data

If some rows are similar, you can duplicate a row and type in the data for the columns that are different. Follow the same instructions for duplicating rows whether record-locking or member-locking is on.

1 To duplicate a row, follow this selection path:



The Duplicate window appears.

Display 7.7	Duplicate	Window
-------------	-----------	--------

				FSVIEW	: SASUSER.HOU	JSES (E)		t a
File	<u>E</u> dit <u>V</u> iew <u>T</u>	ools	Search	Solutions	Help			
NOTE: Obs	The AUTOA style	DD op	otion 1	has been sqfeet	turned off. bedrooms		baths	street
6	SPLIT			1615	4		3	West Drive 🛛
7	SPLIT			1305	3		1.5	Graham Avenue
8	CONDO			1390	3		2.5	Hampshire Avenue
9	TWOSTO	RY		1040	2		1	Sanders Road
10	CONDO				Duplicate			ns Avenue
11	RANCH							te Highway
12	TWOSTO							rbanks Circle
13	KANUH	Ma	ake 📗		copies of observe	ation	ļ	holson Drive
14	CONDO							
15	CONDO				1			ata Avenue
10	CONDO			ОК		Cancel		Street
	-							
	⊲							

2 Type the number of copies you want to make and the number of the row you want to duplicate.

For this example, make two copies of row number 16 (or the last row), and then select **ok**. The duplicated rows appear at the bottom of the list of rows.

Display 7.8	Duplicated Rows
	•

					FSVIEW	: SASUS	SER.HOUS	ES (E)			06
File	Edit <u>\</u>	∕iew <u>⊺</u>	ools	<u>S</u> earch	Solutions	Help					
<u>Obs</u>	s	tyle		5	sqfeet	bec	<u>trooms</u>		baths	street	_
6	S	PLIT			1615		4		3	West Drive	Z
- 7	S	SPLIT			1305		3		1.5	Graham Avenue	- 11
8	C	ONDO			1390		3		2.5	Hampshire Avenu	e
9	Т	WOSTO	RY		1040		2		1	Sanders Road	
10	C	ONDO			2105		4		2.5	Jeans Avenue	
11	R	ANCH			1535		3		3	State Highway	
12	Т	WOSTO	RY		1240		2		1	Fairbanks Circl	e
13	R	ANCH			720		1		1	Nicholson Drive	
14	Т	WOSTO	RY		1745		4		2.5	Highland Road	
15	C	ONDO			1860		2		2	Arcata Avenue	
16	C	ONDO			1420		3		2	Oak Street	
17	C	ONDO			1420		3		2	Oak Street	
18	C	ONDO			1420		3		2	Oak Street	
	_	-									
	_										
	<	1									

3 Edit the duplicated rows as necessary with the new data. For this example, select row number 18 and change the style to **SPLIT**.

Deleting by Row

If record-locking is on, you must first select a row before you can delete it. You can turn record-locking on by following the directions in "Setting the Update Mode" on page 75.

- **1** To delete a row, select the row you want to delete. The row is highlighted to indicate that it is selected. For this example, select row **18** (or the last row).
- **2** Follow this selection path:

Edit **•** Delete...

The Delete... window appears.

Display 7.9 Delete Window

		FSVIEW	: SASUSER.HOU	SES (E)	66
<u>F</u> ile <u>E</u> dit	t <u>V</u> iew <u>T</u> ools	Search Solutions	Help		
<u>Obs</u>	<u>style</u>	sqfeet	bedrooms	baths	street
6 7 8 9	SPLIT SPLIT CONDO TWOSTORY	1615 1305 1390 1040	4 3 3 2	3 1.5 2.5 1	West Drive Graham Avenue Hampshire Avenue Sanders Road
10 11 12 13 14 15 16 17	CON RAN TWC RAN Enter TWC CON CON CON	observation(s) to de	Delete	Cancel	Avenue Highway nks Circle son Drive nd Road Avenue reet reet
	<u></u>				reet

- **3** Type the number of the row you want to delete (the row that is highlighted). For this example, type **18**, and then select **ok**. The highlighted row is deleted and the FSVIEW window appears.
- 4 Also delete rows 16 and 17.

Deleting by Member

If member-locking is on, you can delete any row without selecting it. To turn member-locking on, follow the directions in "Setting the Update Mode" on page 75, except select **MEMBER** in the Update window.

1 To delete a row, follow this selection path:

Edit **>** Delete

The Delete... window appears.

2 Type the row(s) you want to delete. Select oκ. If you want to delete more than one row, type the row numbers separated by spaces. For example, type 1 3 5 to delete rows 1, 3, and 5. If you want to delete a range of rows, type the beginning and

ending row numbers separated by a hyphen. For example, type **12–15** to delete rows 12 through 15.

Select ox. The rows are deleted, and the FSVIEW window appears.

Creating a Subset of Your Data

If you only want to see part of the data (for example, if you only want to see all the houses for sale that are greater than 1500 square feet with three baths), you can create a subset of the data with a WHERE clause. The WHERE clause selects a subset of rows by comparing the values of the columns to the value you specify in the clause.

1 To create a subset of the data, follow this selection path:

Search ► Where...

The Where window appears.

Display 7.10 Where Window

					FSVIEW	: SASUSER.HOUS	SES (E)			٥h
<u>File</u>	Edit	View	Tools	Search	S <u>o</u> lutions	<u>H</u> elp				
<u>Obs</u>		<u>style</u>			sqfeet	bedrooms		<u>baths</u>	street	_
6 7		SPLIT SPLIT			1615 1305 1300	4 3 3		3 1.5 2.5	West Drive Graham Avenue Hampshina Avenu	
0		THOCT	, , , , , , , , , , , , , , , , , , ,		1040	Where		2.5	C	C
Ent	ter wl	here cla	ause:		ОК			Cance		

2 To look at only the houses that have greater than 1500 square feet, type the clause sqfeet>1500, and then select OK. The HOUSES data in the window show only houses with more than 1500 square feet. The word Where appears at the top of the window to indicate that a WHERE clause is in effect.

				FS	VIEW: SA	SUSER.HOUSES (E	E)-Where		@b
File	Edit	<u>V</u> iew	Tools	<u>S</u> earch	Solutions	Help			
<u>Obs</u>		style	<u>.</u>	:	sqfeet	bedrooms	baths	street	
4		TWOST	ORY		1810	4	3	Garris Street	Δ
6 10		SPLIT			1615	4	3	West Drive	
11		RANCH	í		1535	3	2.5	State Highway	
14		TWOST	ORY		1745	4	2.5	Highland Road	
15		CONDC)		1860	2	2	Arcata Avenue	

Display 7.11 Houses with > 1500 Square Feet

3 To create a further subset of the data so that you see only the houses with more than 1500 square feet that have three bathrooms, follow this selection path:

Search ► Where also...

The Where also window appears. Type **baths=3** to select only the houses with three bathrooms.

4 Select **oκ**. The HOUSES data in the window show only houses with three bathrooms that are more than 1500 square feet.

Display 7.12 Houses with > 1500 Square Feet and Three Baths

				F	SVIEW: SA	SUSER.HO	USES (E)·	-Where				Ū
File	Edit	View	Tools	Search	Solutions	<u>H</u> elp						
NOTE: Obs	Whe	ere cl style	ause	has be	en augme sqfeet	nted. bedr	ooms	ba	ths	stree	t	
4		TWOST	ORY		1810		4		3	Garri	s Street	
6		SPLIT			1615		4		3	West 1	Drive	
11		KANCH			1535		3		3	State	Highway	
		21								1		-

The following is a list of some of the comparison operators that you can use in a WHERE clause (arithmetic, logical, and other operators are also available):

LT or <	less than
GT or >	greater than
EQ or =	equal to
LE or <=	less than or equal to
GE or >=	greater than or equal to
NE or <>	not equal to
IN	equal to one in a list

If you use character strings in the clauses, they must be enclosed in double or single quotes and must be in the correct case. For example, if you only want to see the ranch-style houses, you would type **style='RANCH'**. The word RANCH needs to be in all capital letters because all of the styles in the HOUSES table are in uppercase.

5 To undo the last WHERE clause (the restriction of three bathrooms in this example), follow this selection path:

```
Search 

Undo last where
```

The last WHERE clause that selected the houses with three bathrooms is removed, and all the houses with more than 1500 square feet appear.

Continue to select Undo last where to undo each previous WHERE clause.

Saving

Periodically, you may want to save any changes and additions you have made to the data so that they are stored permanently. The autosave feature saves the changes for you after 25 row modifications. You can change the autosave feature so that it saves data after any number of row modifications you specify. You also can save data at any time.

□ To save changes, follow this selection path:

Any additions or changes to the data are saved.

□ To change the autosave feature, follow this selection path:

```
Edit • Autosave...
```

The Autosave window appears. Type the number of row modifications after which you want to save your changes and additions. Select **OK**; the FSVIEW window reappears. Changes you make to the table are saved automatically after the number of row modifications you specified.

Exiting the FSVIEW Window

When you have finished editing the data, exit as follows:

1 Follow this selection path:

File
Close

The Edit Data in Tabular Format window reappears.

2 Select Goback twice to return to the WorkPlace menu.

Editing Data One Row at a Time

When you edit data one row at a time, only one row is shown per window.

1 To edit data one row at a time, follow this selection path:

TasksData Management	►	Edit/Browse	►	Edit Data
----------------------	---	-------------	---	-----------

The Edit Data window appears.

- 2 Select Single row. The Edit Data One Record at a Time window appears.
- **3** If the active table is SASUSER.HOUSES, continue to the next step. Otherwise, select **Table**, and then select the SASUSER.HOUSES table. For more information on selecting tables, see "Selecting a Table" on page 24.
- 4 Select Run. The first row of the HOUSES table appears.

Display 7.13 First Row of HOUSES Table

					FSEDIT S	SASUSER.HOUSES-Obs 1	06
File	Edit	<u>V</u> iew	Tools	Search	Solutions	Help	
					style:	RANCH	
					sqfeet	: 1250	
					bedroor	ms: 2	
					baths:	1	
					street	: Sheppard Avenue	
					price:	\$64,000	

The row number is located in the top of the window. Each window presents one row in the HOUSES table. Each window is called a record or a row. Each field in the window represents a column.

Moving Around

To move to different rows, select **View** from the menu bar. From the **View** pull-down menu, you can:

- select Next Observation to move forward to the next row ("observation" is another word for "row")
- select Previous Observation to move backward to the previous row
- □ select **Observation Number...** to move to a specific row. The Observation number window appears. Type the number of the row you want to display, and then select **OK**. The row you requested appears.

If you have too many columns to fit on one screen, each row has as many screens as necessary to display all the columns for the row. Use Next screen and Previous screen from the View pull-down menu to move from screen to screen within a row. The HOUSES table has only one screen per row.

You can also use the FORWARD, BACKWARD, RIGHT, and LEFT function keys to move from row to row and screen to screen.

Editing Data

To edit a row, position the cursor on the data you want to change, and type the new data over the old data.

For this example, display row 15 using the items from the **View** menu or the function keys. Change the style to **CONDO**.

Adding Data

Use this process when you want to add new information to the table. For example, you might want to add new houses for sale to the HOUSES table.

1 Follow this selection path:

Edit
Add New Record

A blank row appears as the last row, and the word New appears at the top of the window.

Display 7.14 Adding a New Record

					FSEDIT :	SASUSER.HOUSES-New	011
File	Edit	View	Tools	Search	S <u>o</u> lutions	Help	
					style:		
					sqfeet	·	
					bedroom	ns:	
					baths:		
					street		
					price:		

2 Type data in each field, and press TAB to move from field to field.

Type the data where the cursor is placed within each field after you press TAB. After you have typed all the data for the row, press ENTER. The numeric data aligns to the right of each field. The dollar sign and decimal are also added to the price after you press ENTER.

For this example, type the data as follows, and then press ENTER:

STYLE	SPLIT
SQFEET	2200
BEDROOMS	4
BATHS	3
STREET	Maple Street
PRICE	120000

3 When you have typed one row of data, you can continue adding rows using the instructions in steps 1 and 2.

After you move to another row, the new row is assigned a row number.

Duplicating Data

If some rows are similar, you can duplicate a row and type in the data for the columns that are different.

1 To duplicate data, display the row you want to duplicate by using the items from the **view** menu or the function keys.

For this example, display row number 1.

2 Follow this selection path:

Edit **>** Duplicate Record

The row displayed (row 1) is duplicated and added to the end of the rows in the table. The word New appears in the top of the window to indicate that this is a new (duplicated) row.

Display 7.15 Duplicated Record

					FSEDIT	SASUSER.HOUSES-New	۵ħ
File	Edit	View	Tools	<u>S</u> earch	Solutions	Help	
					style:	RANCH	
					sqfeet	: 1250	
					bedroor	ms: 2	
					baths:	1	
					street	: Sheppard Avenue	
					price:	\$64,000	

3 Make any changes to the row as necessary. After you move to another row, the new row is assigned a row number.

For this example, change the style to CONDO.

Deleting Data

1 Display the row you want to delete by following this selection path:

```
View ► Observation Number...
```

For this example, display the last row by going to a row that is numbered higher than your last row, for example, 99.

2 Follow this selection path:

Edit **>** Delete Record

The data in the row's fields is deleted.

3 Follow this selection path to view the previous row:

```
View • Previous Observation
```

Repeat step 2 to delete this row.

Canceling Changes

If you make any changes to a row, you can cancel the changes as long as you have not moved to another row, saved the row, or ended the editing session.

- 1 For this example, display row 3 by using the items on the **View** menu or the function keys.
- **2** Type **XXXXX** over the existing style.
- **3** Follow this selection path:

Edit | • | Cancel Current Changes

The style is restored to its previous value.

Creating a Subset of Your Data

If you want to see only a part of the data (for example, if you only want to see all the houses for sale that are greater than 1500 square feet with three baths), you can create a subset of the data with a WHERE clause. The WHERE clause selects a subset of rows by comparing the values of the columns to the value you specify in the clause.

1 To create a subset of the data, follow this selection path:

```
Search ► Where...
```

The Where window appears.

2 To look at only the houses that have greater than 1500 square feet, type the clause sqfeet>1500.

Select **ok**. As you move from row to row, only houses with more than 1500 square feet appear. The word Where appears at the top of the window to indicate a WHERE clause is in effect.

3 To create a further subset of the data so that you see only the houses with more than 1500 square feet that have three bathrooms, follow this selection path:

Search ► Where also...

The Where Also window appears. Type **baths=3** to select only the houses with three bathrooms.

4 Select **ok**. As you move from row to row, only houses with three bathrooms that are more than 1500 square feet appear.

The following is a list of some of the comparison operators that you can use in a WHERE clause (arithmetic, logical, and other operators are also available):

LT or <	less than
GT or >	greater than
EQ or =	equal to
LE or <=	less than or equal to
GE or >=	greater than or equal to
NE or <>	not equal to
IN	equal to one in a list

If you use character strings in the clauses, make sure they are enclosed in double or single quotes and are in the correct case. For example, if you wanted to see only the ranch-style houses, you would type **style='RANCH'**. The word RANCH needs to be in all capital letters because all the styles in the HOUSES table are in uppercase.

5 To undo the last WHERE clause (the restriction of three bathrooms in this example), follow this selection path:

Search

Undo last where

The last WHERE clause that selected the houses with three bathrooms is removed, and all the houses with more than 1500 square feet appear. Continue to select **Undo last where** to undo each previous WHERE clause.

Saving

Periodically, you may want to save any changes and additions you have made to the data so that they are stored permanently. The autosave feature saves the changes for you after 25 row modifications. You can change the autosave feature so that it saves data after any number of row modifications you specify. You can also save data at any time.

□ To save changes, follow this selection path:

File

Save

Any additions or changes to the data are saved.

□ To change the autosave feature, follow this selection path:

```
Edit ► Autosave...
```

The Autosave window appears. Type the number of row modifications after which you want to save your changes and additions. Select **OK**; the FSEDIT window reappears. Changes you make to the table are saved automatically after the number of row modifications you specified.

Exiting the FSEDIT Window

When you have finished editing the data, exit by following this selection path:



Select Goback twice to return to the WorkPlace menu.

90 Exiting the FSEDIT Window \triangle Chapter 7

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