## Introduction to Computer Applications

# CISY 1225 Chapter 8

# **Dr. Zahoor Khan**

Last updated: May 2014



3

#### Chapter 8

• Chapter 8

- Introduction of Datasets and tables
- Selected topics
- Only exercises

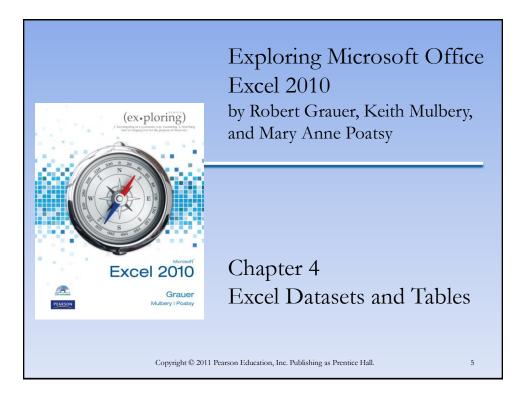
### **CISY 1225 Custom book**

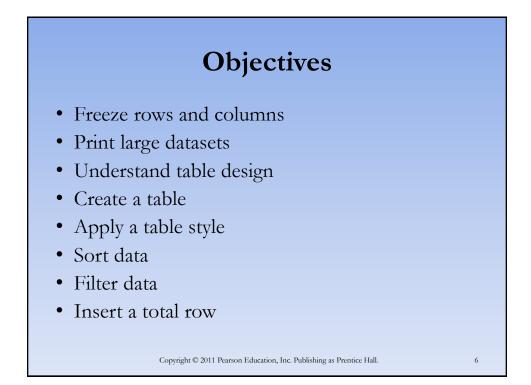
Chapter 8 Excel Datasets and Tables

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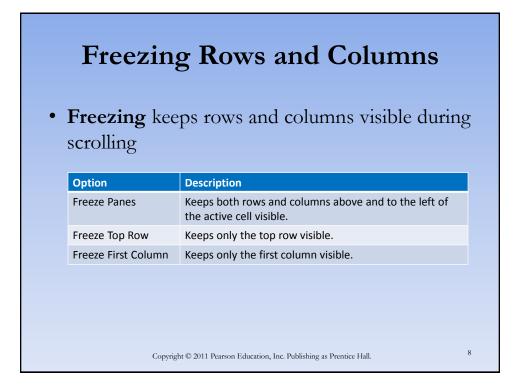
CISY1225 by Zahoor Khan, PhD

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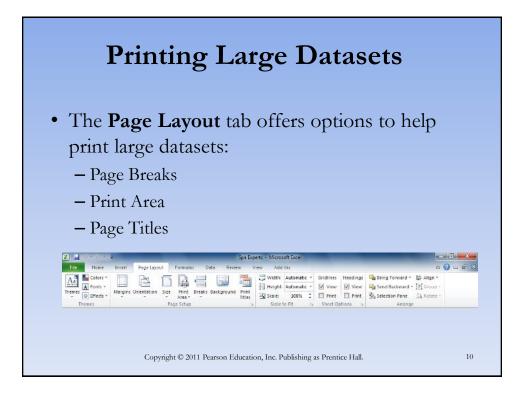


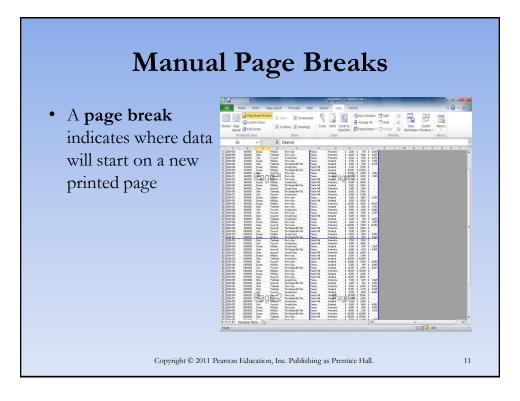


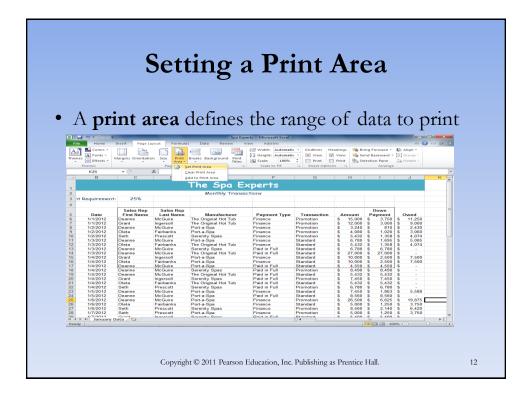
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	many samell off the same	25 2012-020	1/6/2012	Deante	McGure	Port-a-Spa	Finance	Promotion	\$ 26,500 \$	6,625 \$	
	may scroll off the screen	26 2012-021	1/6/2012	Oleta	Fairbanks	Port-a-Spa	Finance	Standard	\$ 5,000 \$	1,250 \$	3,750
	2	27 2012-022 28 2012-023	1/6/2012	Seth	Prescatt Prescatt	Serenity Spas Port-a-Spa	Finance	Promotion	\$ 8,560 \$ \$ 5,000 \$	2,140 \$	6,420 3,750
		29 2012-024	1/7/2012	Grant	Ingersol	Serenity Spas	Paid in Full	Standard	\$ 5,400 \$	5.400 \$	3,100
		30 2012-025	1/8/2012	Oleta	Fairbanks	Serenity Spas	Finance	Standard	5 3,240 \$	810 5	
		31 2012-026 32 2012-027	1/9/2012 1/9/2012	Deanne Grant	McGuire Ingersoll	Port-a-Spa Port-a-Spa	Finance	Promotion	\$ 7,400 \$ \$ 22,000 \$	1.850 \$ 5.500 \$	
		33 2012-028	1/9/2012	Grant	Ingersol	The Original Hot Tub		Promotion	5 3240 5	3,240 \$	10,500
		34 2012-029	1/10/2012	Seth	Prescott	The Original Hot Tub	Paid in Full	Standard	\$ 7,690 \$	7,690 \$	
		35 2012-030 36 2012-031	1/10/2012 1/11/2012	Deante	McGuire McGuire	Serenity Spas The Original Hot Tub	Finance	Promotion	\$ 6,000 \$ \$ 7,500 \$	1.500 \$	
		37 2012-032	1/11/2012	Oleta	Fairbanks	Port-a-Spa	Paid in Full	Promotion	5 7,500 S	7.500 \$	0,620
		38 2012-033	1/11/2012	Seth	Prescott	Serenity Spas	Paid in Full	Promotion	\$ 4,650 \$	4,650 \$	
		39 2012-034	1/12/2012	Deanne	McGuire	Serenity Spas	Finance	Standard	\$ 6,700 \$	1,675 \$	
		40 2012-035 41 2012-036	1/13/2012 1/14/2012	Grant	Ingersoli	The Original Hot Tub Serenity Spas	Paid in Full	Promotion	\$ 6,540 \$ \$ 4,800 \$	1,635 \$ 4,800 \$	4,905
		42 2012-037	1/15/2012	Deanté	McGure	Port-a-Spa	Paid in Full	Standard	5 7,200 5	7,200 5	
		43 2012-038	1/16/2012	Oleta	Fairbanks	Serenity Spas	Paid in Full	Standard	5 32,000 5	- 100 P	
		44 2012-039 45 2012-040	1/17/2012 1/18/2012	Seth	Prescatt McGuire	Port-a-Spa Port-a-Spa	Finance	Standard	\$ 12,000 \$ \$ 3,200 \$	3,000 \$	5 9,000 5 2,400
		45 2012-041	1/18/2012	Seth	Prescatt	The Original Hot Tub		Standard	\$ 12,350 \$	3,068 \$	9,263
		47 2012-042	1/16/2012	Deanne	McGure	Port-a-Spa	Paid in Full	Promotion	5 18,000 5	18,000 \$	
		48 2012-043 49 2012-044	1/19/2012 1/19/2012	Deanne	McGuire Ingersoll	Port-a-Spa Port-a-Spa	Paid in Full Paid in Full	Standard	\$ 4,500 \$ \$ 12,500 \$	4,500 \$	
		50 2012-045	1/20/2012	Oleta	Fairbanks	Serenity Spas	Finance	Promotion	\$ 7,500 S	1.875 \$	5.625
		51 2012-046	1/21/2012	Grant	Ingersoli	The Original Hot Tub	Finance	Standard	\$ 3,450 \$	863 \$	2,588
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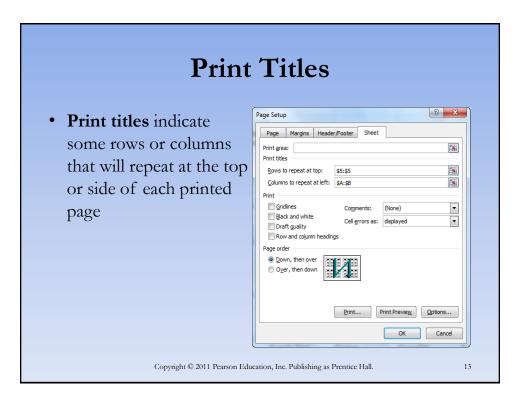


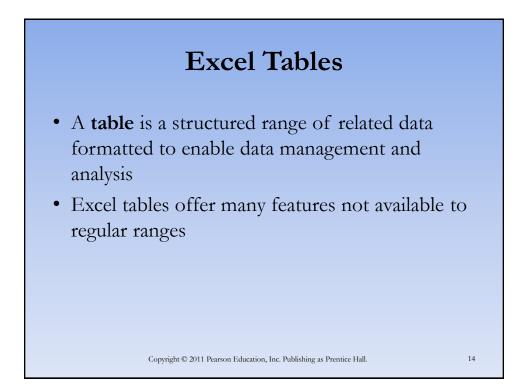
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5 Number 15 2012-010	Date 1/4/2012	Manufacturer Port-a-Spa	Payment Type Finance	Transaction Standard	Amount \$ 10 000	Payment	Owed \$ 7,500			
16 2012-010	1/4/2012	Port-a-Spa	Finance	Standard	\$ 10,000 \$ 10,000	\$ 2,500 \$ 2,500	\$ 7,500			
17 2012-012	1/4/2012	Port-a-Spa	Paid in Full	Standard	\$ 4,550	\$ 4,550	S -			
18 2012-013	1/4/2012	Serenity Spas	Paid in Full	Promotion	\$ 8,490	\$ 8,490	S -			
		The Original Hot Tub	Paid in Full							
19 2012-014	1/4/2012			Standard	\$ 5,432	\$ 5,432	s -			
20 2012-015	1/4/2012	Serenity Spas	Paid in Full	Promotion	\$ 7,450	\$ 7,450	s -			
20 2012-015 21 2012-016	1/4/2012 1/4/2012	Serenity Spas The Original Hot Tub	Paid in Full Paid in Full	Promotion Standard	\$ 7,450 \$ 5,432	\$ 7,450 \$ 5,432				
20 2012-015	1/4/2012	Serenity Spas	Paid in Full	Promotion	\$ 7,450	\$ 7,450 \$ 5,432 \$ 6,780	\$ - \$ -			
20 2012-015 21 2012-016 22 2012-017 23 2012-018 24 2012-019	1/4/2012 1/4/2012 1/4/2012 1/5/2012 1/5/2012	Serenity Spas The Original Hot Tub Serenity Spas Port-a-Spa Port-a-Spa	Paid in Full Paid in Full Paid in Full Finance Paid in Full	Promotion Standard Promotion Standard Standard	\$ 7,450 \$ 5,432 \$ 6,780 \$ 7,450 \$ 7,450 \$ 8,560	\$ 7,450 \$ 5,432 \$ 6,780 \$ 1,863 \$ 8,560	\$ - \$ - \$ 5,588 \$ -			
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20 2012-015 21 2012-016 22 2012-017 23 2012-018 24 2012-019 25 2012-020 26 2012-021 27 2012-022	1/4/2012 1/4/2012 1/4/2012 1/5/2012 1/5/2012 1/5/2012	Serenity Spas The Original Hot Tub Serenity Spas Port-a-Spa Port-a-Spa Port-a-Spa Port-a-Spa Serenity Spas	Paid in Full Paid in Full Paid in Full Finance Paid in Full Finance	Promotion Standard Promotion Standard Standard Promotion	\$ 7,450 \$ 5,432 \$ 6,780 \$ 7,450 \$ 8,560 \$ 26,500 \$ 5,000 \$ 8,560	\$ 7,450 \$ 5,432 \$ 6,780 \$ 1,863 \$ 8,560 \$ 6,625 \$ 1,250 \$ 2,140	\$ - \$ - \$ 5,588 \$ - \$ 19,875 \$ 3,750 \$ 6,420			
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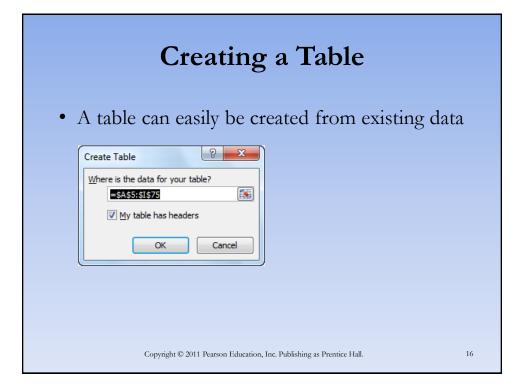


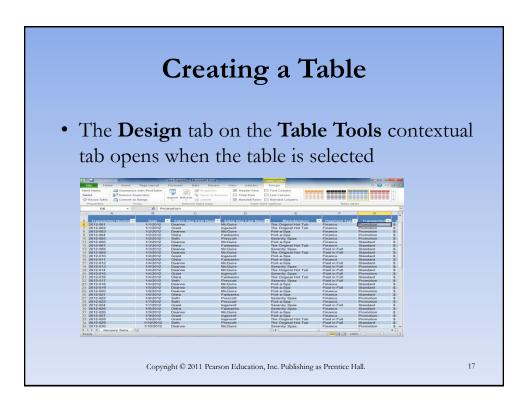
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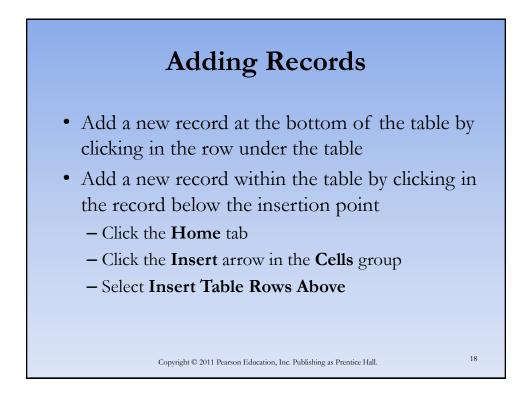


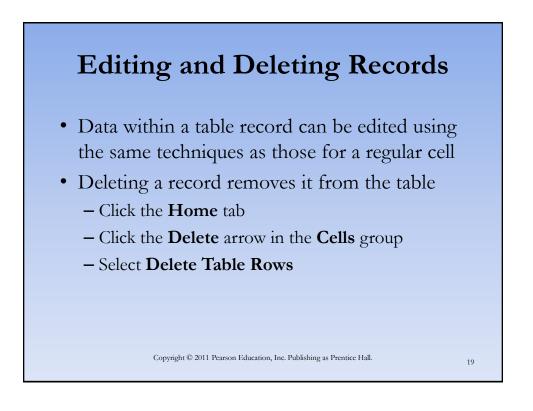
- A field is an individual piece of data
  - Field names appear in the top row as column headings
  - Field names should be short, but descriptive
- A record is a complete set of data for an entity
  - Each record is listed in a row of the table
  - Do not insert blank rows in the table

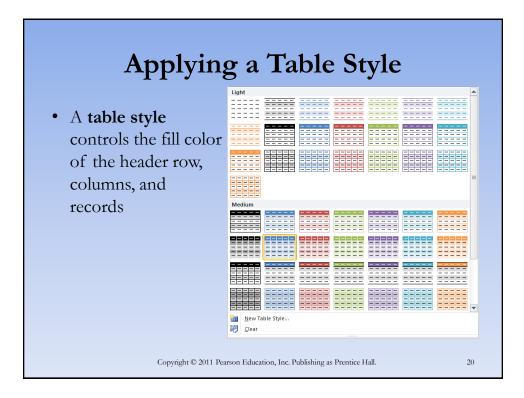
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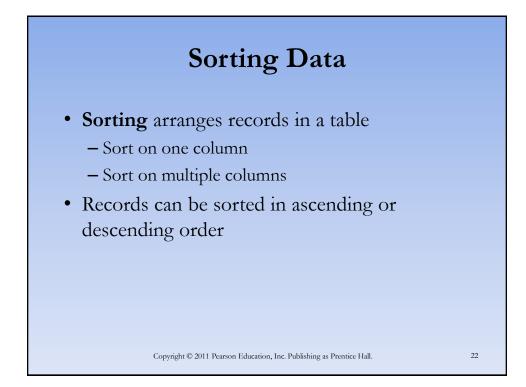
### **Table Style Options**

• The **Table Styles Options** group on the **Design** tab contains check boxes to further format the table

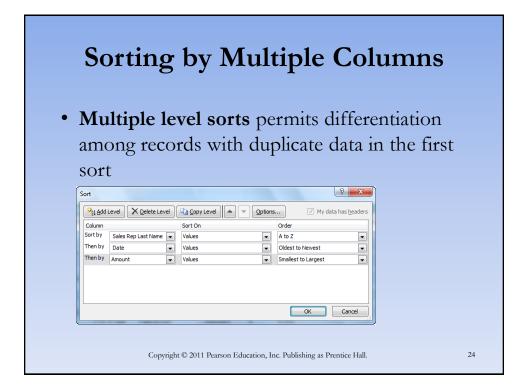
Check Box	Action
Header Row	Displays the header row at the top of the table.
Total Row	Displays a total row at the bottom of the table.
First Column	Applies a different format to the first column.
Last Column	Applies a different format to the last column.
Banded Rows	Displays alternate fill colors for even and odd rows.
Banded Columns	Displays alternate fill colors for even and odd columns.

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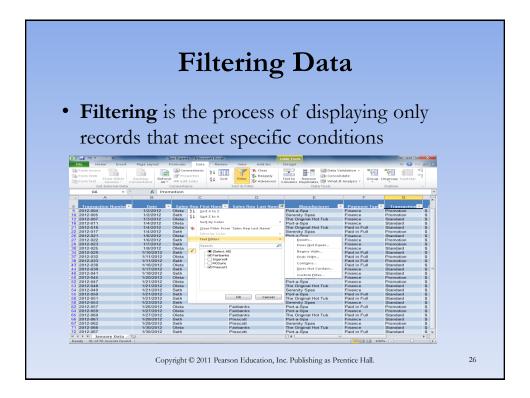
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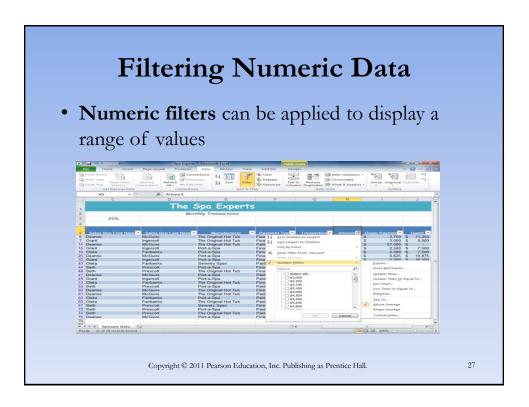


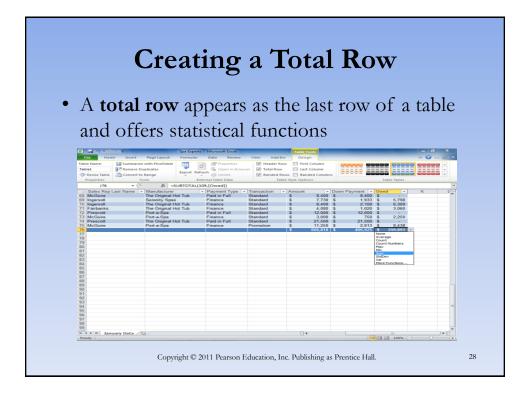
•	• Excel offers several ways to sort a single column							
	Data type	Options	Explanation					
	Text	Sort A to Z	Arranges data in alphabetical order.					
		Sort Z to A	Arranges data in reverse alphabetical order.					
	Dates	Sort Oldest to Newest	Displays data in chronological order.					
		Sort Newest to Oldest	Displays data in reverse chronological order.					
	Values	Sort Smallest to Largest	Arranges values in sequential order.					
		Sort Largest to Smallest	Arranges values in descending order.					
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Creating a	Custom Sort
• A custom sort can be created to arrange values in a customized fashion	Custom Lists
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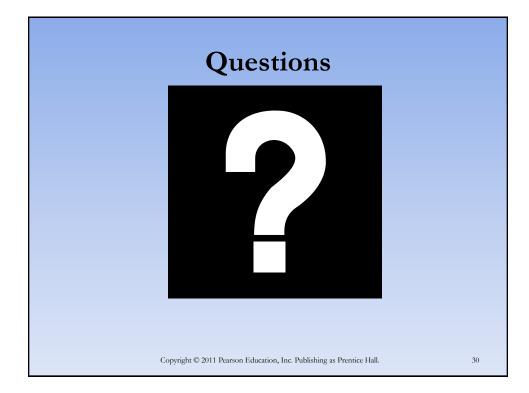


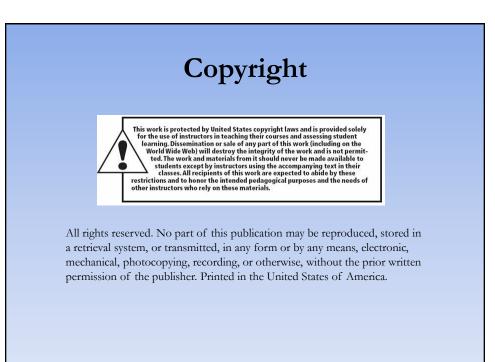
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#### Summary

- In this chapter, you have learned to manage large datasets by freezing rows and columns and controlling print options.
- You understand table design and can create and format a table.
- You can sort and filter data in a table.

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