

Exercise #3.B

**Due: Sec. 1 & 2: Sep 27 (Tu) & Sep 29 (Th); Start of Class: 10 points
Pratt & Last; Chapter 4; EOCQs: pp. 144-146.**

**Assignments must use the SCORE SHEET as the table of contents.
PLEASE STAPLE BEFORE CLASS!**

NOTE: USE the TAL & CAT CASES [the original version].

**Chapter 4: Use ACCESS to write the appropriate SQL query to
answer questions 1, 3, 4 (2 pts), 7, 11 (BONUS) for TAL and
questions 3, 4 (2 pts), 5, 7 for CAT.**

**Turn-in printouts of the datasheet, or report and the related query (as
appropriate), which shows the correct answers: 1) datasheet view or
table design view; 2) QBE View or Index Pane View (as required); and
3) SQL View(s).**

**Screen prints may be used, if necessary (ONE PAGE PER PROBLEM
PREFERRED). Label each page with problem name (e.g., TAL4-04).**

NAME _____ DAY / EVE Score: ____/10

**BCIS 4660 Database Warehouse Concepts
(10 Points) Chapter 4
Homework Assignment #3.B Score sheet**

	OVERALL SCORE SUMMARY		SCORE Appearance /1
Problem Number	$\pm \frac{1}{2}$ Reserved word $\pm \frac{1}{2}$ columns (prop.) $\pm \frac{1}{2}$ order by $\pm \frac{1}{2}$ literals SQL Code	Index Pane; or Datasheet view; or Table Design View	SCORE
TAL 4-1			/1
TAL 4-3			/2
TAL 4-4			/1
TAL 4-7			/1
TAL 4-11	Bonus		/2
TAL 4	SUBTOTAL		/5
CAT 4-3			/1
CAT 4-4			/2
CAT 4-5			/1
CAT 4-7			/1
CAT 4	SUBTOTAL	Maximum	/5
CHAP 4	OVERALL TOTAL		/10

Comments/NOTES:

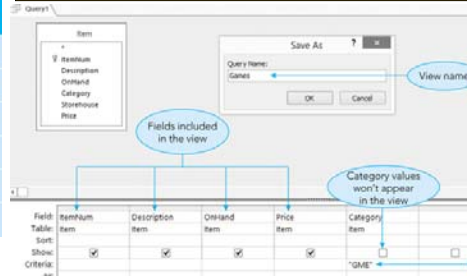
TAL 4-00 SAMPLE CREATE VIEW

TAL 4-00: SAMPLE QUESTION...CREATE VIEW Games

Datasheet views

ItemNum	Description	OnHand	Price
AH74	Patience	9	\$22.99
BR23	Skittles	21	\$29.99
DW23	Mancala	40	\$50.00
KA12	Cribbage Set	56	\$75.00
KL78	Pick Up Sticks	110	\$10.95
TR40	Tic Tac Toe	75	\$13.99

Query Design/QBE View



SQL VIEW (SAVED QUERY)

```
CREATE VIEW Games AS
SELECT ItemNum, Description, OnHand, Price
FROM Item
WHERE Category="GME"
;
```

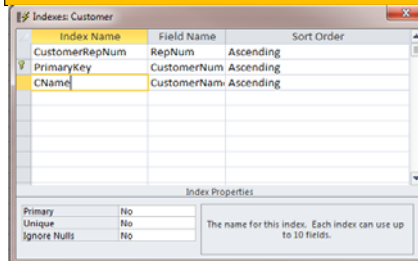
TAL 4-00 SAMPLE INDEX

NOTE: While this SQL may be created in the ACCESS SQL View, DO NOT attempt to execute it there. Instead create in the Index Pane View as shown here.

SQL View

```
CREATE INDEX CName
ON Customer
(CustomerName)
;
```

INDEX Pane View



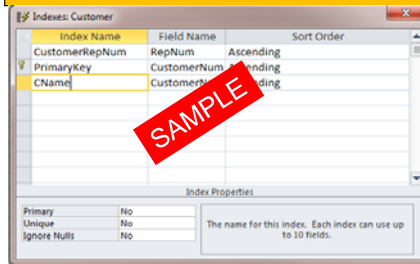
TAL 4-00 SAMPLE INDEX

NOTE: While this SQL may be created in the ACCESS SQL View, DO NOT attempt to execute it there. Instead create in the Index Pane View as shown here.

SQL View

```
CREATE INDEX nnnn
ON Table_Name
(Column_name1, ...)
;
```

INDEX Pane View



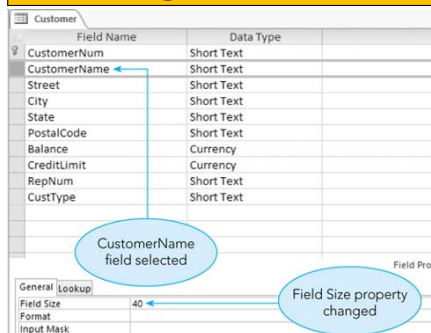
TAL 4-00 SAMPLE ALTER

NOTE: While this SQL may be created in the ACCESS SQL View, DO NOT attempt to execute it there. Instead create in the Table Design View as shown here; then show the equivalent SQL ALTER statement code that could perform the same operation.

SQL View

```
ALTER TABLE Customer
CHANGE COLUMN
CustomerName TO
CHAR(40)
;
```

Table Design View



TAL 04-00 Saved Query Example

CAT 04-12 SAMPLE QUESTION...For each trip that has **more than one guide** that can lead the trip, list the **trip name**, The **trip type**, and the **first and last names of each guide**.

Datasheet views

Query Design/QBE View

SQL VIEW (SAVED QUERY; Your SQL)

```
CREATE VIEW YourQueryName AS
SELECT ...
FROM TableA, TableB, ...
WHERE ...
;
```

TAL 04-00 INDEX Example

CAT 04-12 SAMPLE QUESTION...For each trip that has **more than one guide** that can lead the trip, list the **trip name**, The **trip type**, and the **first and last names of each guide**.

SQL Views (Your own INDEX)

```
CREATE INDEX nnnnnn
ON Table_Name
(Column_name1, ...)
;
```

INDEX Pane View