

SQL Assignment #6

INFO 308

1. Create a view that lists the name and phone number of the contact person at each publisher. Don't include the publisher's ID in the view. Name the view CONTACT. Show the contents of the view CONTACT. (Using PUBLISHER table).

Answer:

Code –

```
CREATE VIEW CONTACT AS SELECT Name, Contact FROM publisher
```

Query –

Name	Contact
PRINTING IS US	TOMMIE SEYMOUR
PUBLISH OUR WAY	JANE TOMLIN
AMERICAN PUBLISHING	DAVID DAVIDSON
READING MATERIALS INC.	RENEE SMITH
REED-N-RITE	SEBASTIAN JONES

2. Create a view that lists the ISBN and title for each book in inventory along with the name and phone number of the person to contact if the book needs to be reordered. Name the view REORDERINFO. Show the contents of the view REORDERINFO. (Using BOOKS and PUBLISHER tables).

Answer:

Code –

```
CREATE VIEW REORDERINFO AS SELECT b.ISBN, b.Title, p.Contact, p.Phone FROM books b JOIN publisher p USING(PubID)
```

Query –

ISBN	Title	Contact	Phone
0401140733	REVENGE OF MICKEY	TOMMIE SEYMOUR	000-714-8321
9247381001	HOW TO MANAGE THE MANAGER	TOMMIE SEYMOUR	000-714-8321
4981341710	BUILDING A CAR WITH TOOTHPICKS	JANE TOMLIN	010-410-0010
9959789321	E-BUSINESS THE EASY WAY	JANE TOMLIN	010-410-0010
1915762492	HANDCRANKED COMPUTERS	DAVID DAVIDSON	800-555-1211
3957136468	HOLY GRAIL OF ORACLE	DAVID DAVIDSON	800-555-1211
8843172113	DATABASE IMPLEMENTATION	DAVID DAVIDSON	800-555-1211
0132149871	HOW TO GET FASTER PIZZA	RENEE SMITH	800-555-9743
0299282519	THE WOK WAY TO COOK	RENEE SMITH	800-555-9743
1059831198	BODYBUILD IN 10 MINUTES A DAY	RENEE SMITH	800-555-9743
3437212490	COOKING WITH MUSHROOMS	RENEE SMITH	800-555-9743
2147428890	SHORTEST POEMS	SEBASTIAN JONES	800-555-8284
2491748320	PAINLESS CHILD-REARING	SEBASTIAN JONES	800-555-8284
8117949391	BIG BEAR AND LITTLE DOVE	SEBASTIAN JONES	800-555-8284


3. Try to change the name of a contact person in the REORDERINFO view to your name. Was an error message displayed when performing this step? If so, what was the cause of the error message? Show the updated contents of the view REORDERINFO.

Answer:

From the way the question is worded, makes me think we were supposed to get an error. In the PowerPoint it shows an error when using “like” and %.

Code –

```
UPDATE REORDERINFO SET Contact = 'ELIZABETH HOLLIS' WHERE Contact = 'JANE TOMLIN'
```

 Warning: #1265 Data truncated for column 'Contact' at row 1

Query –

ISBN	Title	Contact	Phone
0401140733	REVENGE OF MICKEY	TOMMIE SEYMOUR	000-714-8321
9247381001	HOW TO MANAGE THE MANAGER	TOMMIE SEYMOUR	000-714-8321
4981341710	BUILDING A CAR WITH TOOTHPICKS	ELIZABETH HOLLI	010-410-0010
9959789321	E-BUSINESS THE EASY WAY	ELIZABETH HOLLI	010-410-0010
1915762492	HANDCRANKED COMPUTERS	DAVID DAVIDSON	800-555-1211
3957136468	HOLY GRAIL OF ORACLE	DAVID DAVIDSON	800-555-1211
8843172113	DATABASE IMPLEMENTATION	DAVID DAVIDSON	800-555-1211
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