

payroll : Database (Access 2007) - Microsoft Access

Home Create External Data Database Tools Design

View Run Select Make Table Append Update Crosstab Delete Union Pass-Through Data Definition

Insert Rows Insert Columns Delete Rows Delete Columns Show Table Builder Return: All Totals Table Names Parameters

All Tables empinfo

- empinfo : Table
- Query1
- Query2
- Query3
- Query4
- Query5
- Query6

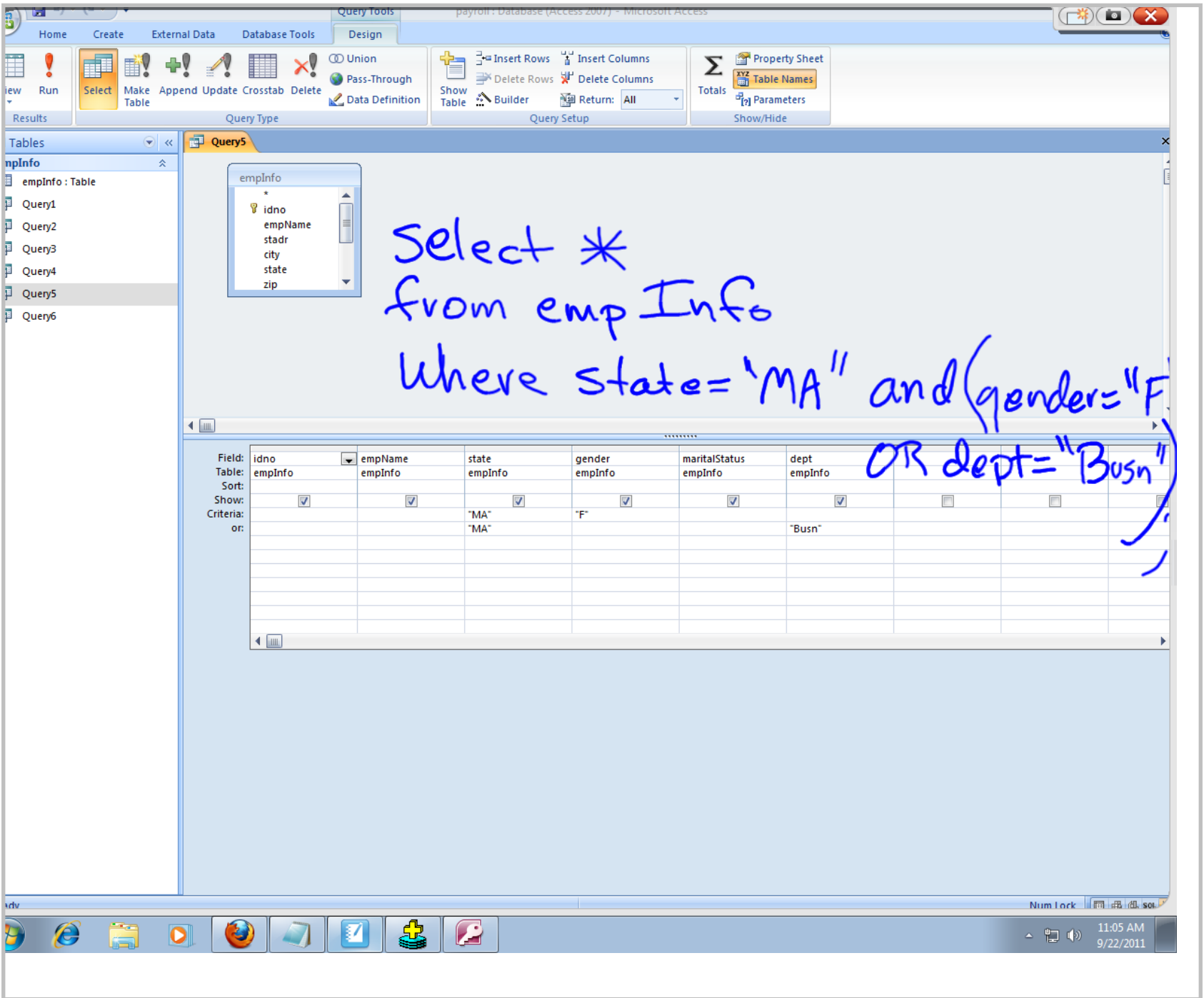
empinfo

- idno
- empName
- stadr
- city
- state
- zip

In this query, state = "MA" is on both the criteria line and the or line (the only lines being used for this query) so that means it has to be true. In addition there are two other conditions and one of them must be true (only one since one condition is on the criteria line and one is on the or line putting them into an OR relationship.  
 This can also be read as state="MA" and gender = "F"  
 OR  
 state = "MA" and dept = "Busn"  
 Note again that MA has to be true.

Field:	idno	empName	state	gender	maritalStatus	dept			
Table:	empinfo	empinfo	empinfo	empinfo	empinfo	empinfo			
Sort:									
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Criteria:			"MA"	"F"					
or:			"MA"			"Busn"			

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Select \*  
from empInfo  
where state='MA' and (gender='F'  
OR dept='Busn')

Field:	idno	empName	state	gender	maritalStatus	dept
Table:	empInfo	empInfo	empInfo	empInfo	empInfo	empInfo
Sort:						
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:			"MA"	"F"		
or:			"MA"			"Busn"

Microsoft Access Query Design View for 'Query5' in the 'payroll' database. The design grid shows the following criteria:

Field:	idno	empName	state	gender	maritalStatus	dept
Table:	empInfo	empInfo	empInfo	empInfo	empInfo	empInfo
Sort:						
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			"MA"	"F"		
or:			"MA"			"Busn"

Handwritten SQL query in blue ink:

```
SELECT *
FROM empInfo
WHERE state="MA" and
either (gender="F" OR dept="Busn")
```

Additional handwritten notes in blue ink:

- A blue circle highlights the criteria for gender and dept in the design grid.
- The word "AND" is written in large blue letters below the design grid.
- The phrase "has to be MA" is written in blue ink to the left of the design grid.
- The phrase "either of these" is written in blue ink to the right of the design grid.

Microsoft Access - payroll: Database (Access 2007) - Microsoft Access

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View Run Select Make Table Append Update Crosstab Delete Union Pass-Through Data Definition Show Table Builder Return: All Totals Property Sheet Table Names Parameters Show/Hide

Results Query Type Query Setup Show/Hide

All Tables  
empInfo  
empInfo : Table  
Query1  
Query2  
Query3  
Query4  
Query5  
Query6

empInfo  
\*  
idno  
empName  
stadr  
city  
state  
zip

Field: idno empName state gender maritalStatus dept  
Table: empInfo empInfo empInfo empInfo empInfo empInfo  
Sort:  
Show:        
Criteria:  
or: "MA" "MA" F

MA  
N F K  
N Y  
Busn  
QISP  
QISP

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SQL-1.doc [Read-Only] [Compatibility Mode] - Microsoft Word

File Home Insert Page Layout References Mailings Review View

Clipboard Font Paragraph Styles Editing

Times New Rom 12 A A Aa

Emphasis Heading 1 Normal Strong Subtitle Title

Find Replace Select

Change Styles

Page: 1 of 1 Words: 128 100% 12:38 PM 9/22/2011

```
FirstSQL
SELECT isbn, title, topic, yearPub, price
FROM book
WHERE topic="XHTML" And price<20;

SecondSQL
SELECT isbn, title, topic, yearPub, price
FROM book
WHERE topic="XHTML" And yearPub=2008 Or price<20;

ThirdSQL
SELECT isbn, title, topic, yearPub, price
FROM book
WHERE topic="CSS" And yearPub<2009 And price<50;

FourthSQL
SELECT isbn, title, topic, yearPub, price
FROM book
WHERE topic="CSS" And yearPub<2009 Or topic="XHTML" And price<20;

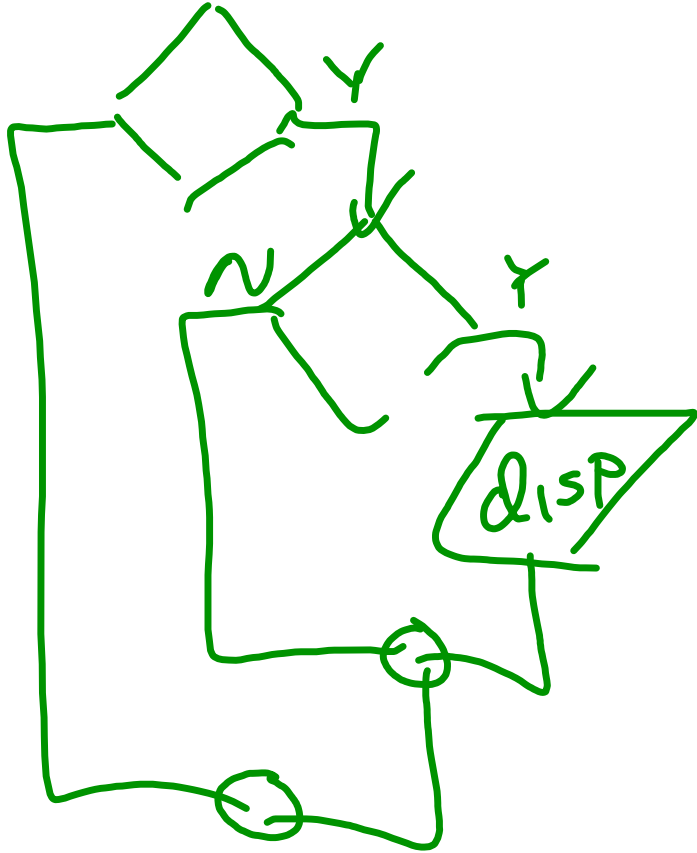
FifthSQL
SELECT isbn, title, topic, yearPub, price
FROM book
WHERE topic="CSS" And yearPub<2009 And topic="XHTML" And price<20;

SixthSQL
SELECT isbn, title, topic, yearPub, price
FROM book
WHERE topic="CSS" Or yearPub<2009 And topic="XHTML" Or price<20;

SeventhSQL
SELECT isbn, title, topic, yearPub, price
FROM book
WHERE topic="XHTML" And (yearPub=2008 Or price<20);

EighthSQL
SELECT isbn, title, topic, yearPub, price, publisher
FROM book
WHERE topic="CSS" And yearPub<2009 Or price<50 Or publisher="Cengage"
```

AND



OR

