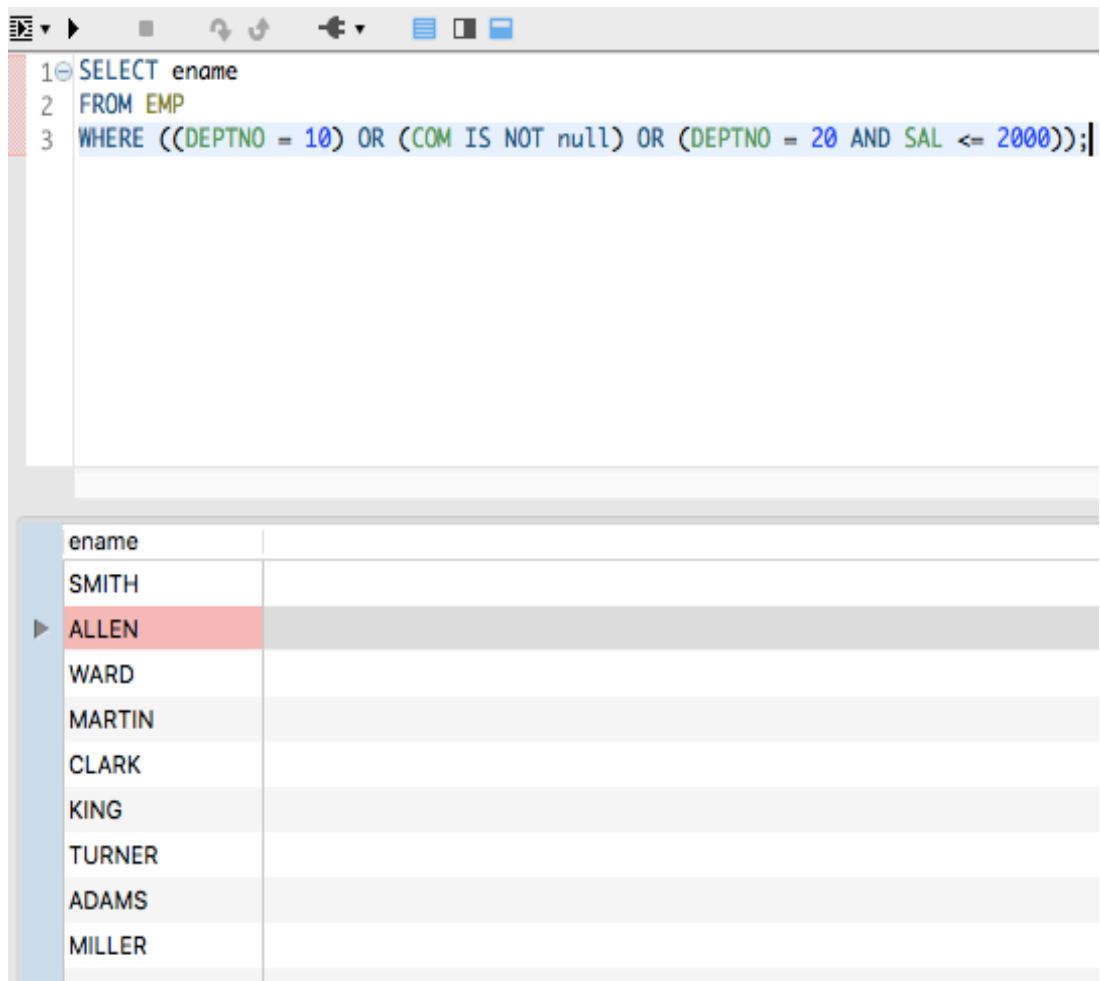


Ethan Tuning
10/17/16
CSCD327
Lab #3

Section #1:

1.



```
1 SELECT ename
2 FROM EMP
3 WHERE ((DEPTNO = 10) OR (COM IS NOT null) OR (DEPTNO = 20 AND SAL <= 2000));
```

ename
SMITH
ALLEN
WARD
MARTIN
CLARK
KING
TURNER
ADAMS
MILLER

2.

```
1 SELECT ename, job
2 FROM EMP
3 WHERE DEPTNO = 10;
```

ename	job
CLARK	MANAGER
KING	PRESIDENT
MILLER	CLERK

3.

```
1 SELECT CONCAT(ename, worksAs, job)
2 FROM EMP
3 WHERE DEPTNO = 10;
```

CONCAT(ename, worksAs, job)
CLARKWORKSASMANAGER
KINGWORKSASPRESIDENT
MILLERWORKSASCLERK

4.

```
1 SELECT ename, sal,  
2 CASE WHEN sal <= 2000 THEN 'UNDERPAID'  
3     WHEN sal >= 4000 THEN 'OVERPAID'  
4     ELSE 'OK' END AS status  
5 FROM EMP  
6  
7
```

ename	sal	status	
SMITH	800	UNDERPAID	
ALLEN	1,600	UNDERPAID	
WARD	1,250	UNDERPAID	
JONES	2,975	OK	
MARTIN	1,250	UNDERPAID	
BLAKE	2,850	OK	
CLARK	2,450	OK	
SCOTT	3,000	OK	
KING	5,000	OVERPAID	
TURNER	1,500	UNDERPAID	
ADAMS	1,100	UNDERPAID	
JAMES	950	UNDERPAID	
FORD	3,000	OK	
MILLER	1,300	UNDERPAID	

5.

```
1 SELECT ename
2 FROM EMP
3 WHERE (deptno = 10 OR 20) AND (ename LIKE '%i%' OR '%ER');
```

ename
SMITH
MARTIN
KING
MILLER

6.

```
1 SELECT ename, job
2 FROM EMP
3 ORDER BY RIGHT(job, 3);
```

ename	job
KING	PRESIDENT
SMITH	CLERK
JAMES	CLERK
ADAMS	CLERK
MILLER	CLERK
BLAKE	MANAGER
CLARK	MANAGER
JONES	MANAGER
MARTIN	SALESMAN
TURNER	SALESMAN
WARD	SALESMAN
ALLEN	SALESMAN
FORD	ANALYST
SCOTT	ANALYST

Section#2:

7.

```
1 SELECT title, category
2 FROM BOOKS
3 WHERE title <> 'fitness';
```

title	category
HOW TO GET FASTER PIZZA	SELF HELP
THE WOK WAY TO COOK	COOKING
REVENGE OF MICKEY	FAMILY LIFE
BODYBUILD IN 10 MINUTES A DAY	FITNESS
HANDCRANKED COMPUTERS	COMPUTER
SHORTEST POEMS	LITERATURE
PAINLESS CHILD-REARING	FAMILY LIFE
COOKING WITH MUSHROOMS	COOKING
HOLY GRAIL OF ORACLE	COMPUTER
BUILDING A CAR WITH TOOTHPICKS	CHILDREN
BIG BEAR AND LITTLE DOVE	CHILDREN
DATABASE IMPLEMENTATION	COMPUTER
HOW TO MANAGE THE MANAGER	BUSINESS
E-BUSINESS THE EASY WAY	COMPUTER

8.

```
1 SELECT Customer_num, LastName, State
2 FROM CUSTOMERS
3 WHERE state = 'GA' OR state = 'NJ' ORDER BY LastName ASC;
```

Customer_num	LastName	State
1,020	FALAH	NJ
1,010	LUCAS	GA
1,018	MONTIASA	GA
1,019	SMITH	NJ

9.

```
1 SELECT Lname, Fname
2 FROM AUTHOR
3 WHERE Lname LIKE '%IN%'
4 ORDER BY Lname, Fname;
```

Lname	Fname
AUSTIN	JAMES
MARTINEZ	SHEILA
ROBINSON	ROBERT
WILKINSON	ANTHONY

10.

```
1 SELECT ISBN, Title
2 FROM BOOKS
3 WHERE Title LIKE '%A_N%'
4 ORDER BY Title DESC;
```

ISBN	Title
2491748320	PAINLESS CHILD-REARING

11.

```
1 SELECT CONCAT(last_name, ', ', first_name) AS full_name
2 FROM customers
3 WHERE last_name BETWEEN 'L' AND 'ZZ'
4 ORDER BY last_name ASC;
```

full_name
Sherwood, Allan
Valentino, Erin
Wilson, Frank Lee
Zimmer, Barry

12.

```
1 SELECT product_name, list_price, discount_percent, list_price * discount_percent AS discount_amount,
2 list_price + (list_price * discount_percent) AS discount_price
3 FROM products
4 ORDER BY discount_price;
```

product_name	list_price	discount_percent	discount_amount	discount_price
Washburn D10S	299.00	0.00	0.00	299.00
Tama 5-Piece Drum Set with Cymbals	799.99	15.00	11,999.85	12,799.84
Hofner Icon	499.99	25.00	12,499.75	12,999.74
Rodriguez Caballero 11	415.00	39.00	16,185.00	16,600.00
Yamaha FG700S	489.99	38.00	18,619.62	19,109.61
Fender Stratocaster	699.00	30.00	20,970.00	21,669.00
Ludwig 5-piece Drum Set with Cymbals	699.99	30.00	20,999.70	21,699.69
Fender Precision	799.99	30.00	23,999.70	24,799.69
Gibson Les Paul	1,199.00	30.00	35,970.00	37,169.00
Gibson SG	2,517.00	52.00	130,884.00	133,401.00

13.

```
1 SELECT item_id, item_price, discount_amount, quantity, item_price * quantity AS price_total,
2 discount_amount * quantity AS discount_total, (item_price - discount_amount) * quantity AS item_total
3 FROM order_items
4 WHERE (item_price - discount_amount) * quantity > 500
5 ORDER BY (item_price - discount_amount) * quantity;
```

item_id	item_price	discount_amount	quantity	price_total	discount_total	item_total
9	799.99	240.00	1	799.99	240.00	559.99
11	799.99	120.00	1	799.99	120.00	679.99
1	1,199.00	359.70	1	1,199.00	359.70	839.30
3	2,517.00	1,308.84	1	2,517.00	1,308.84	1,208.16
5	1,199.00	359.70	2	2,398.00	719.40	1,678.60