Group Project

Jimi Porter

Part 1:

92.

SELECT AUTHOR.AU\_LNAME, AUTHOR.AU\_FNAME, BOOK.BOOK\_TITLE, BOOK.BOOK\_COST

FROM AUTHOR INNER JOIN (BOOK INNER JOIN WRITES ON BOOK.BOOK\_NUM = WRITES.BOOK\_NUM) ON AUTHOR.AU\_ID = WRITES.AU\_ID

ORDER BY WRITES.BOOK\_NUM, AU\_ID;

93.

SELECT PATRON.PAT\_ID, BOOK.BOOK\_NUM, PATRON.PAT\_FNAME, PATRON.PAT\_LNAME, BOOK.BOOK\_TITLE

FROM PATRON INNER JOIN BOOK ON PATRON.PAT\_ID = BOOK.PAT\_ID

ORDER BY PATRON.PAT\_LNAME, BOOK.BOOK\_TITLE;

94.

SELECT PATRON.PAT\_ID, PATRON.FNAME & " " & PATRON.LNAME AS NAME, PATRON.PAT\_TYPE

FROM PATRON

WHERE UPPER(PAT\_LNAME, UPPER(PAT\_FNAME))

ORDER BY PATRON.PAT\_TYPE, PATRON.PAT\_LNAME, PAT\_FNAME;

95.

SELECT CHECKOUT.BOOK\_NUM, COUNT(CHECKOUT.CHECK\_NUM) AS “Times Checked Out”

FROM CHECKOUT

GROUP BY CHECKOUT.BOOK\_NUM

ORDER BY COUNT(CHECKOUT.CHECK\_NUM) DESC;

96.

SELECT AUTHOR.AU\_ID, AUTHOR.AU\_FNAME, AUTHOR.AU\_LNAME, WRITES.BOOK\_NUM, BOOK.BOOK\_TITLE

FROM AUTHOR INNER JOIN (BOOK INNER JOIN WRITES ON BOOK.BOOK\_NUM = WRITES.BOOK\_NUM) ON AUTHOR.AU\_ID = WRITES.AU\_ID

WHERE ((BOOK.BOOK\_SUBJECT)="Cloud"))

ORDER BY BOOK.BOOK\_TITLE, AUTHOR.AU\_LNAME;

**97.**

SELECT BOOK.BOOK\_NUM, BOOK.BOOK\_TITLE, AUTHOR.AU\_LNAME, AUTHOR.AU\_FNAME, BOOK.PAT\_ID, PATRON.PAT\_LNAME, PATRON.PAT\_TYPE

FROM AUTHOR INNER JOIN ((PATRON INNER JOIN BOOK ON PATRON.PAT\_ID = BOOK.PAT\_ID) INNER JOIN WRITES ON BOOK.BOOK\_NUM = WRITES.BOOK\_NUM) ON AUTHOR.AU\_ID = WRITES.AU\_ID

ORDER BY BOOK.BOOK\_TITLE;

**98.**

SELECT BOOK.BOOK\_NUM, BOOK.BOOK\_TITLE, COUNT(CHECKOUT.CHECK\_NUM) AS “Times Checked Out”

FROM BOOK LEFT JOIN CHECKOUT ON BOOK.BOOK\_NUM = CHECKOUT.BOOK\_NUM

GROUP BY BOOK.BOOK\_NUM, BOOK.BOOK\_TITLE, BOOK.BOOK\_TITLE

ORDER BY COUNT(CHECKOUT.CHECK\_NUM) DESC , BOOK.BOOK\_TITLE;

99.

SELECT BOOK.BOOK\_NUM, BOOK.BOOK\_TITLE, COUNT(CHECKOUT.CHECK\_NUM) AS “Times Checked Out”

FROM BOOK INNER JOIN CHECKOUT ON BOOK.BOOK\_NUM = CHECKOUT.BOOK\_NUM

GROUP BY BOOK.BOOK\_NUM, BOOK.BOOK\_TITLE, BOOK.BOOK\_TITLE

HAVING (((COUNT(CHECKOUT.CHECK\_NUM))>5))

ORDER BY COUNT(CHECKOUT.CHECK\_NUM) DESC , BOOK.BOOK\_TITLE;

100.

SELECT AUTHOR.AU\_ID, AUTHOR.AU\_LNAME, BOOK.BOOK\_TITLE, CHECKOUT.CHECK\_OUT\_DATE, PATRON.PAT\_LNAME

FROM AUTHOR INNER JOIN (PATRON INNER JOIN ((BOOK INNER JOIN CHECKOUT ON BOOK.BOOK\_NUM = CHECKOUT.BOOK\_NUM) INNER JOIN WRITES ON BOOK.BOOK\_NUM = WRITES.BOOK\_NUM) ON (PATRON.PAT\_ID = CHECKOUT.PAT\_ID) AND (PATRON.PAT\_ID = BOOK.PAT\_ID)) ON AUTHOR.AU\_ID = WRITES.AU\_ID

WHERE (((AUTHOR.AU\_LNAME)="Bruer") AND ((PATRON.PAT\_LNAME)="Miles"))

ORDER BY CHECKOUT.CHECK\_OUT\_DATE;

101.

SELECT PATRON.PAT\_ID, PATRON.PAT\_FNAME, PATRON.PAT\_LNAME

FROM PATRON LEFT JOIN CHECKOUT ON PATRON.PAT\_ID = CHECKOUT.PAT\_ID

WHERE (((CHECKOUT.CHECK\_NUM) Is NULL))

ORDER BY PATRON.PAT\_LNAME, PATRON.PAT\_FNAME;

102.

SELECT PATRON.PAT\_ID, PATRON.PAT\_LNAME, COUNT(CHECK\_NUM) AS [NUM CHECKOUTS], [NUM DIFFERENT BOOKS]

FROM (SELECT PAT\_ID, COUNT(BOOK\_NUM) AS [NUM DIFFERENT BOOKS]

FROM (SELECT DISTINCT PAT\_ID, BOOK\_NUM

FROM CHECKOUT) AS sub2

GROUP BY PAT\_ID) AS S1 INNER JOIN (PATRON INNER JOIN CHECKOUT ON PATRON.PAT\_ID = CHECKOUT.PAT\_ID) ON S1.PAT\_ID = PATRON.PAT\_ID

GROUP BY PATRON.PAT\_ID, PATRON.PAT\_LNAME, [NUM DIFFERENT BOOKS]

HAVING COUNT(CHECK\_NUM) >= 3

ORDER BY [NUM DIFFERENT BOOKS] DESC , "NUM CHECKOUTS" DESC , PATRON.PAT\_ID;

Part 2:

6. DELETE FROM EMPLOYEE

WHERE EMP\_LNAME = ‘Smithfield’, EMP\_FNAME = ‘William’, EMP\_HIREDATE = ’22-Jun-04’, JOB\_CODE = ‘500’;

7. CREATE TABLE EMP\_2(

EMP\_NUM CHAR(3)

EMP\_LNAME VARCHAR(15) NOT NULL

EMP\_FNAME VARCHAR(15) NOT NULL

EMP\_INITIAL CHAR(1)

EMP\_HIREDATE DATE

JOB\_CODE CHAR(3)

PRIMARY KEY (EMP\_NUM)

FOREIGN KEY JOB\_CODE)

INSERT INTO EMP\_2

SELECT EMP\_NUM, EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL, EMP\_HIREDATE, JOB\_CODE, EMP\_YEARS

FROM EMP\_1;