Answers to week 7 homework

Kayla Varga

1. SELECT YEAR , COUNT(\*)

FROM BOOK

GROUP BY YEAR

1. SELECT DESCRIPTION , AVG( SOLD )

FROM BOOK

LEFT JOIN GENRE

ON GENRE = GENRE\_ID

GROUP BY DESCRIPTION

1. SELECT FIRST\_NAME , LAST\_NAME , SUM( SOLD )

FROM BOOK

LEFT JOIN AUTHOR

ON AUTHOR = AUTHOR\_ID

GROUP BY AUTHOR

1. SELECT AUTHOR, LAST\_NAME , FIRST\_NAME , COUNT(\*)

FROM AUTHOR

LEFT JOIN BOOK

ON AUTHOR = AUTHOR\_ID

GROUP BY AUTHOR

HAVING COUNT(\*) > 1

1. SELECT NAME , COUNT(\*)

FROM BOOK

LEFT JOIN PUBLISHER

ON PUBLISHER = PUBL\_ID

GROUP BY NAME

HAVING COUNT(\*) > 3

1. SELECT DESCRIPTION, MAX(SOLD) AS 'HIGHEST\_SALES'

FROM BOOK

LEFT JOIN GENRE

ON GENRE = GENRE\_ID

GROUP BY DESCRIPTION

Question: for number 13, the answer key says;

SELECT \*

FROM BOOK

LEFT JOIN GENRE

ON GENRE = GENRE\_ID

WHERE DESCRIPTION = 'Popular Science'

Why does it not work for me to do for instance:

SELECT MAX (SOLD), DESCRIPTION

FROM BOOK, GENRE

WHERE GENRE= GENRE\_ID

AND DESCRIPTION = ‘Popular Science’

As I’m creating an inner join and using the max function to determine how many of this particular genre and description are sold?