Exercise 1

1. SELECT LAST\_NAME, FIRST\_NAME

FROM AUTHOR;

1. SELECT \*

FROM COUNTRY

ORDER BY NAME;

1. SELECT \*

FROM BOOK

WHERE YEAR >1995 AND YEAR <2005;

1. SELECT LAST\_NAME

FROM AUTHOR

WHERE LAST\_NAME LIKE ‘B%’;

1. SELECT \*

FROM GENRE

ORDER BY DESCRIPTION;

1. SELECT DISTINCT YEAR

FROM BOOK;

1. SELECT MAX(YEAR)

FROM BOOK;

1. SELECT COUNT(DISTINCT NATIONALITY)

FROM AUTHOR;

1. SELECT AVG(SOLD)

FROM BOOK;

1. SELECT FIRST\_NAME, LAST\_NAME, NAME

FROM AUTHOR

LEFT JOIN COUNTRY

ON NATIONALITY = COUNTRY\_ID

1. SELECT TITLE, YEAR, DESCRIPTION

FROM BOOK

LEFT JOIN GENRE

ON GENRE = GENRE\_ID;

1. SELECT TITLE, NAME

FROM BOOK

LEFT JOIN PUBLISHER

ON PUBLISHER = PUBL\_ID;

1. SELECT \*

FROM BOOK

LEFT JOIN GENRE

ON GENRE = GENRE\_ID

WHERE DESCRIPTION = “Popular Science”

1. SELECT LAST\_NAME , FIRST\_NAME , AVG( SOLD )  
   FROM BOOK  
   LEFT JOIN AUTHOR  
   ON AUTHOR = AUTHOR\_ID  
   WHERE LAST\_NAME = 'Rowling' and FIRST\_NAME = 'J.K.'
2. 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 LAST\_NAME, FIRST\_NAME, SUM(SOLD)

FROM BOOK

LEFT JOIN AUTHOR

ON AUTHOR = AUTHOR\_ID

GROUP BY AUTHOR;

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

FROM BOOK

LEFT JOIN AUTHOR

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 PUBLISHER

HAVING COUNT(\*) >3