**Homework week 10: SQL exercises 15-20**

**Nitzan Shalev**

1. The first name and the last name of all the authors, together with the full name of the countries in which these authors were born.

SELECT FIRST\_NAME, LAST\_NAME, NAME

FROM AUTHOR, COUNTRY

WHERE NATIONALITY = COUNTRY\_ID

1. The title and the year of all the books, together with a full description of the genres (not only the codes).

SELECT TITLE, YEAR, GENRE.GENRE

FROM BOOK, GENRE

WHERE BOOK.GENRE = GENRE\_ID

1. Which authors have written more than one beststeller?

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

FROM AUTHOR, BOOK

WHERE AUTHOR = AUTHOR\_ID

GROUP BY AUTHOR

HAVING COUNT(\*)>1

ORDER BY LAST\_NAME

1. Which publishers are responsible for more than three bestsellers?

SELECT NAME, COUNT(\*)

FROM PUBLISHER, BOOK

WHERE PUBLISHER = PUBL\_ID

GROUP BY PUBLISHER

HAVING COUNT(\*)>3

ORDER BY NAME

1. What are the best-selling books in the genre "Popular Science"?

SELECT TITLE

FROM BOOK, GENRE

WHERE BOOK.GENRE = GENRE\_ID

AND GENRE.GENRE LIKE 'POPULAR SCIENCE'

1. What is the average number of sales of a book written by J.K. Rowling?

SELECT AVG(SOLD)

FROM BOOK, AUTHOR

WHERE AUTHOR = AUTHOR\_ID AND LAST\_NAME LIKE 'ROWLING'