# REPORT FOR THE QUERIES

In order to write the provided queries, we had to adapt the previous version, because the structure of the database was different. For example, in order to link a book with an author, we no longer must do "*Edition NATURAL JOIN Global_Book NATURAL JOIN Author*", because the new database stores the author's name in each edition.

Another example is that we had to change the language in which we search for the languages, as a book in English is stored with a language value of 'Inglés', because the data in file "LIBROS_FINAL.txt" is written in Spanish.

To test our queries, we had to add some data manually to the database, because not all data needed for them was provided. To do that, we did

the following:

- Before query 1 we executed:

```
INSERT INTO edition VALUES ('14774014R99', 'Don Quixote', 'Libro de
bolsillo', 'CreateSpace Independent Publishing Platform', 19.99,
'Español', 0, 599, 'Miguel de Cervantes', '1998-06-26');
```

This added a different book name 'Don Quixote' in a language in which it has not been added to the database, to check that it detects different languages

- - Before query 3 we executed:

```
INSERT INTO sale (saleid, start_date, end_date, discount) VALUES
(666, '2017-01-01', '2017-01-31', 20);

INSERT INTO sale_isbn (saleid, isbn) VALUES (666, '1941999174');

UPDATE purchase SET saleid = 666 WHERE isbn = '1941999174';
```

Where '1941999174' is an ISBN we manually found to be from a book written by 'Arturo Perez-Reverte'. This adds a book written by this author bought with a sale

- - Before query 5 we executed:

```
UPDATE purchase SET userid = 12 WHERE purchaseid = 100;
```

This sets some purchases as made by user 'Jack', with userid 100

- - Before query 8 we executed:

```sql
INSERT INTO edition VALUES ('22222222222', 'Libro de Adelphi', 'Libro
de bolsillo', 'Adelphi', 9.99, 'Español', 0, 97, 'Adelphus', '2001-
06-26');

INSERT INTO sale (saleid, start_date, end_date, discount) VALUES
(999, '2017-01-05', '2017-01-27', 35);

INSERT INTO sale (saleid, start_date, end_date, discount) VALUES
(666, '2017-01-01', '2017-01-31', 20);

INSERT INTO sale_isbn (saleid, isbn) VALUES (999, '22222222222'),
(666, '22222222222');
```

This creates a book published by Adelphi, and adds it to two different sales