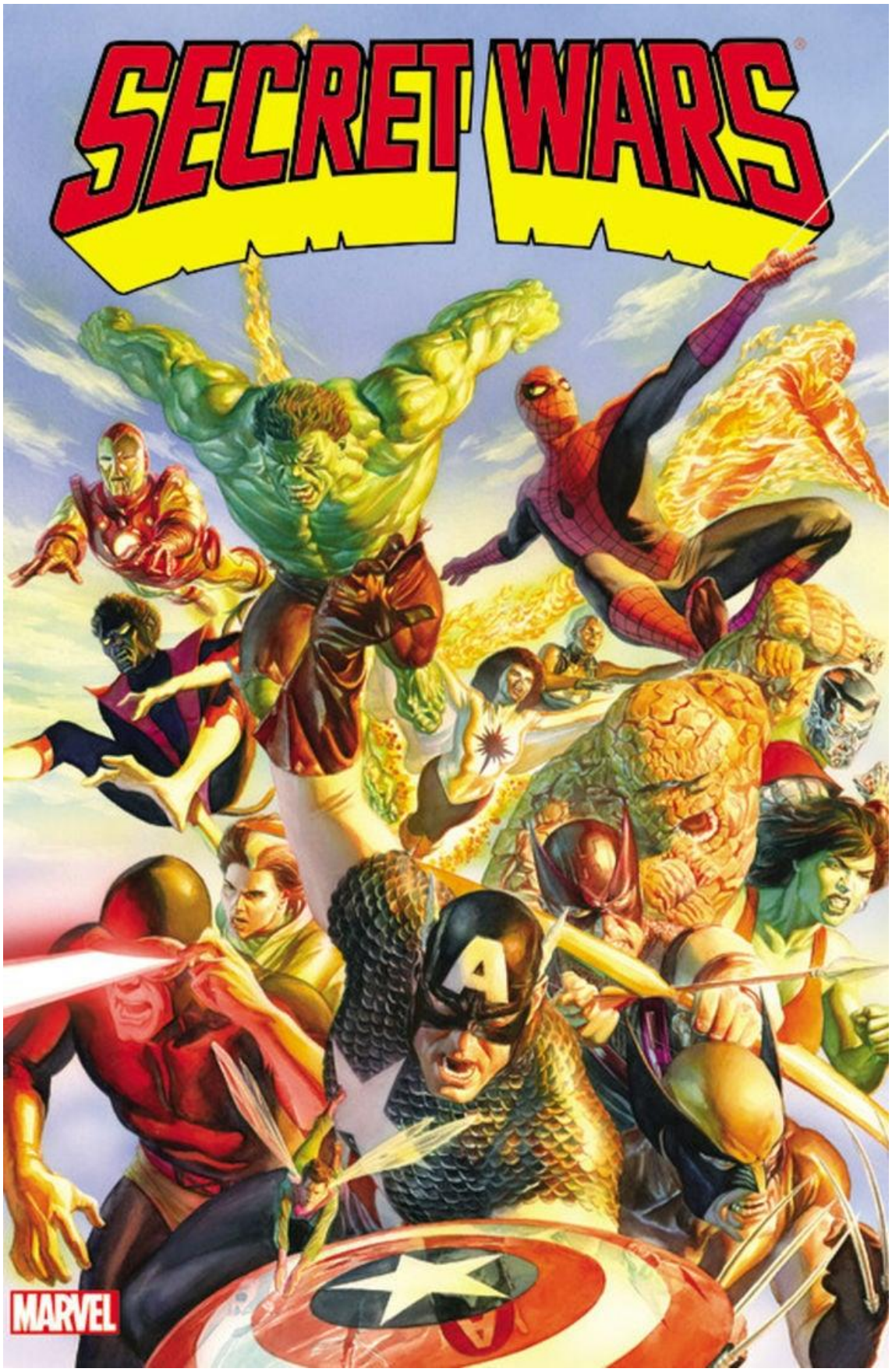
SECRET WARS
MARVEL

Part 1. Weight 85% of task

Create a database in SQL that manages comics from the Marvel publishing house according to the following criteria:

Comics Table: This table contains information about Marvel comics, including title, number, release date and publisher (In Spain there have been a few that have used the license, such as Vórtice, Planeta-comics fórum-, or Panini.)

Character Table: This table contains information about Marvel characters, including name and alias.

Comic_Characters Table: This table relates the comics to the characters present in them.

Creators Table: This table contains information about the creators of Marvel comics, including name and role.

Comic_Creators Table: This table relates the comics to the creators associated with them.

Create the code necessary to make these tables with their corresponding referential integrity constraints. In cases where it is necessary, analyze what is the best option for updating or deleting. Below you have the space necessary to insert the code for each table:

Comics table

CREATE TABLE Comics (id_com INTEGER (9) PRIMARY KEY AUTO_INCREMENT, title VARCHAR(255) NOT NULL, release_date INTEGER (4) NOT NULL, publisher VARCHAR(100) NOT NULL);

```
mysql> CREATE TABLE Comics (id_com INTEGER (9) PRIMARY KEY AUTO_INCREMENT, title VA
RCHAR(255) NOT NULL, release_date int(4) NOT NULL, publisher VARCHAR(100)NOT NULL);

Query OK, 0 rows affected, 2 warnings (0.07 sec)

mysql>
```

Characters Table

CREATE TABLE Characters (id_char INTEGER (9) PRIMARY KEY AUTO_INCREMENT, alias VARCHAR (100) NOT NULL, name VARCHAR(50) NOT NULL);

```
mysql> CREATE TABLE Characters (id_char INTEGER (9) PRIMARY KEY AUTO_INCREMENT, ali
as VARCHAR (100) NOT NULL, name VARCHAR(50) NOT NULL);
Query OK, 0 rows affected, 1 warning (0.04 sec)
```

Comic_Characters Table

CREATE TABLE Comic_Characters (id_comic INTEGER(9), id_char INTEGER(9),PRIMARY KEY (id_comic,id_char), FOREIGN KEY(id_comic) REFERENCES Comics (id_com), FOREIGN KEY (id_char) REFERENCES Characters (id_char));

```
mysql> CREATE TABLE Comic_Characters (id_comic INTEGER(9), id_char INTEGER(9),PRIMA
RY KEY (id_comic,id_char), FOREIGN KEY(id_comic) REFERENCES Comics (id_com), FOREIG
N KEY (id_char) REFERENCES Characters (id_char));
Query OK, 0 rows affected, 2 warnings (0.19 sec)

mysql>
```

Table Creators

CREATE TABLE Creators (id_creator INTEGER(9) PRIMARY KEY AUTO_INCREMENT, name VARCHAR(50) NOT NULL , surname VARCHAR(50) NOT NULL ,role VARCHAR(50) NOT NULL);

```
mysql> CREATE TABLE Creators (id_creator INTEGER(9) PRIMARY KEY AUTO_INCREMENT, nam
e VARCHAR(50) NOT NULL , surname VARCHAR(50) NOT NULL ,role VARCHAR(50) NOT NULL );

Query OK, 0 rows affected, 1 warning (0.07 sec)
```

Comic_Creators Table

CREATE TABLE Comic_Creators(id_comic INTEGER(9), id_creator INTEGER(9),PRIMARY KEY (id_comic,id_creator), FOREIGN KEY(id_comic) REFERENCES Comics (id_com), FOREIGN KEY (id_creator) REFERENCES Creators (id_creator));

```
mysql> CREATE TABLE Comic_Creators(id_comic INTEGER(9), id_creator INTEGER(9),PRIMA
RY KEY (id_comic,id_creator), FOREIGN KEY(id_comic) REFERENCES Comics (id_com), FOR
EIGN KEY (id_creator) REFERENCES Creators (id_creator));
Query OK, 0 rows affected, 2 warnings (0.18 sec)

mysql>
```

Now, add an extra column "image" (VARCHAR 255) to the comics table.

ALTER TABLE comics ADD image VARCHAR(255);

Part 2. Views (Weight 5%)

Create a view that allows you to see only the titles and numbers of the comics table

Generate a .SQL document with the commands performed up to this point that you will attach along with this Word document in the Moodle delivery.

Part 3. Users (Weight 10%)

Create a user with your first and last name and grant them SELECT permissions on the comics table.

Log in with that user and show what they can see from the tables

Take a screenshot of the process and paste it below: