

**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);**

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**Characters Table**

**CREATE TABLE Characters (id\_char INTEGER (9) PRIMARY KEY AUTO\_INCREMENT, alias VARCHAR (100) NOT NULL, name VARCHAR(50) NOT NULL);**

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**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));**

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**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 );**

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**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));**

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**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:

A screenshot of a computer

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**A screenshot of a computer program

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