ACTIVIDAD SCRIPTS -BBDD

PRESENTADO POR:
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EJERCICIO SELECCIONADO

2. Base de Datos para una Librería de Cómics
- Tabla Clientes:
   - identificador, nombre_cliente, email, fecha_registro
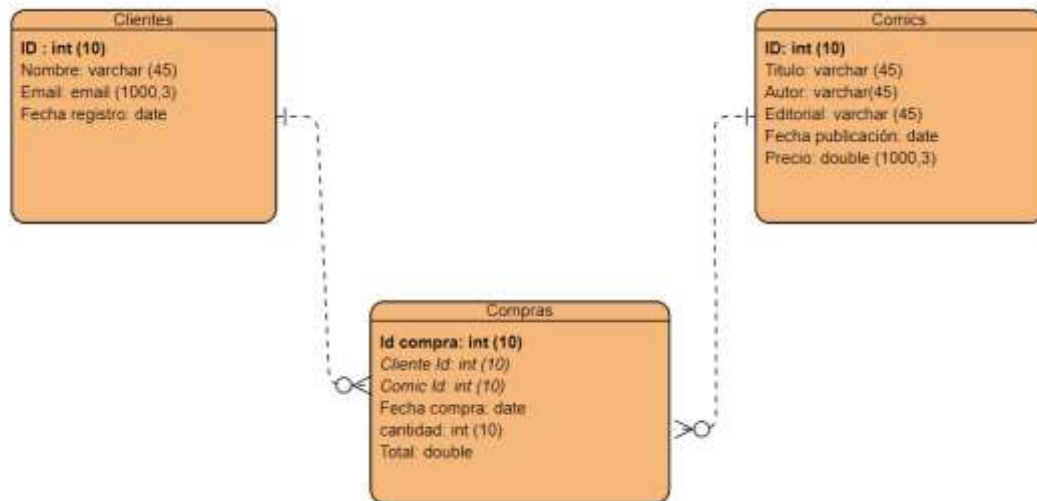### - Tabla Cómics:
   - identificador, título, autor, editorial, fecha_publicación, precio
- Tabla Compras:
   - identificador, cliente_id, comic_id, fecha_compra, cantidad, total

SOLUCIÓN

DER

SCRIPTS

Código Creación de tablas

```sql
CREATE TABLE "CLIENTES" (
 "ID" int(10) NOT NULL,
 "NOMBRE" varchar(45) NOT NULL ,
 "EMAIL" email(100) NOT NULL,
 "FECHA REGISTRO" date NOT NULL,
  PRIMARY KEY ("id"));

CREATE TABLE "COMICS" (
  "ID" int(10) NOT NULL,
  "TITULO" varchar(45) NOT NULL ,
  "AUTOR" varchar(45) NOT NULL ,
  "EDITORIAL" varchar(45) NOT NULL ,
  "FECHA PUBLICACION" date NOT NULL,
  "PRECIO $" double(1000,3) NOT NULL,
  PRIMARY KEY ("id"));


 CREATE TABLE "COMPRAS"(
  "ID COMPRA" int(10) NOT NULL,
  "CLIENTE ID" int(10) NOT NULL,
  "COMIC ID" int(10) NOT NULL,
  "FECHA COMPRA" date NOT NULL,
  "CANTIDAD" int(10) NOT NULL,
  "TOTAL $" double(1000,3) NOT NULL,
  PRIMARY KEY ("ID COMPRA"),
  FOREIGN KEY ("CLIENTE ID") REFERENCES "CLIENTES"("ID"),
  FOREIGN KEY ("COMIC ID") REFERENCES "COMICS"("ID")
);
```

Código para insertar valores de clientes

```sql
INSERT INTO "CLIENTES" VALUES
(1,"Juan Peralta","juanpe@gmail.com","22/07/2010"),
(2,"Maria Arias","MAA04@gmail.com", "08/05/2023"),
(3,"Jesus Perez","JePelo@gmail.com", "10/10/2020"),
(4,"Luz Alzate", "alzaluz@outlook.com", "15/09/2022"),
(5, "Ernesto Sabato", "SabaErnes@yahoo.com", "23/11/2021"),
(6, "Maria Sultana", "lasultana@gmail.com", "18/02/2024")
```


Código creación de comics

```sql
INSERT INTO "COMICS" VALUES
(1,"Aironman #345", "Marvel", "Marvel", "10/05/2024", "25200"),
(2,"Antman #201", "Marvel", "Marvel", "15/08/2023", "35200"),
(3,"Batman y Robin #4", "DC comics", "DC comics", "15/04/2020", "125800"),
(4,"Starfire #34", "DC comics", "DC comics", "10/05/2004", "325200"),
(5,"Dr Strange #46", "Marvel", "Marvel", "0/01/2017", "58.300"),
(6,"Spiderman #56", "Marvel", "Marvel", "08/06/2003", "222200")
```

COMICS

ID	TITULO	AUTOR	EDITORIAL	FECHA PUBLICACION	PRECIO $
1	Aironman #345	Marvel	Marvel	10/05/2024	25200
2	Antman #201	Marvel	Marvel	16/08/2023	35200
3	Batman y Robin #4	DC comics	DC comics	16/04/2020	125800
4	Starfire #34	DC comics	DC comics	10/05/2004	325200
5	Dr Strange #46	Marvel	Marvel	0/01/2017	58.3
6	Spiderman #56	Marvel	Marvel	08/04/2023	222200

COMPRAS

ID COMPRA	CLIENTE ID	COMIC ID	FECHA COMPRA	CANTIDAD	TOTAL $
1	2	1	20/12/2023	1	25200
2	1	5	15/02/2023	2	116600
3	1	4	06/06/2015	3	377400
4	5	6	07/07/2021	2	444400
5	4	4	02/02/2022	1	325200
6	6	2	30/12/2023	3	105600

Output

SQL query successfully executed. However, the result set is empty.

Código creación de compras

```
INSERT INTO "COMPRAS" VALUES
(1, 2, 1, '20/12/2023', 1, "25200"),
(2, 1, 5, '15/02/2023', 2, "116600"),
(3, 1, 4, '06/06/2015', 3, "377400"),
(4, 5, 6, '07/07/2021', 2, "444400"),
(5, 4, 4, '02/02/2022', 1, "325200"),
(6, 6, 2, '30/12/2023', 3, "105600")
```

CONSULTAS

Input

```
SELECT compras."ID COMPRA",clientes.NOMBRE, comics.TITULO, comics.AUTOR, comics."PRECIO $"
FROM COMPRAS
JOIN CLIENTES ON COMPRAS."CLIENTE ID" = CLIENTES."ID"
JOIN COMICS ON COMPRAS."COMIC ID" = COMICS."ID";
```

Output

ID COMPRA	NOMBRE	TITULO	AUTOR	PRECIO $
1	Maria Arias	Aironman #345	Marvel	25200
2	Juan Peralta	Dr Strange #46	Marvel	58.3
3	Juan Peralta	Starfire #34	DC comics	325200
4	Ernesto Sabato	Spiderman #56	Marvel	222200
5	Luz Alzate	Starfire #34	DC comics	325200
6	Maria Sultana	Antman #201	Marvel	35200

SELECT compras."ID COMPRA",clientes.NOMBRE, comics.TITULO, comics.AUTOR, comics."PRECIO $"
FROM COMPRAS
JOIN CLIENTES ON COMPRAS."CLIENTE ID" = CLIENTES."ID"
JOIN COMICS ON COMPRAS."COMIC ID" = COMICS."ID";

```sql
SELECT compras."ID COMPRA", clientes.NOMBRE, comics.TITULO, comics.AUTOR, comics."PRECIO $"
FROM COMPRAS
JOIN CLIENTES ON COMPRAS."CLIENTE ID" = CLIENTES."ID"
JOIN COMICS ON COMPRAS."COMIC ID" = COMICS."ID"
ORDER BY comics."PRECIO $" DESC;
```

Output

ID COMPRA	NOMBRE	TITULO	AUTOR	PRECIO $
3	Juan Peralta	Starfire #34	DC comics	325200
5	Luz Alzate	Starfire #34	DC comics	325200
4	Ernesto Sabato	Spiderman #56	Marvel	222200
6	Maria Sultana	Antman #201	Marvel	35200
1	Maria Arias	Aironman #345	Marvel	25200
2	Juan Peralta	Dr Strange #46	Marvel	58.3

```sql
SELECT compras."ID COMPRA", clientes.NOMBRE, comics.TITULO, comics.AUTOR,
comics."PRECIO $"
FROM COMPRAS
JOIN CLIENTES ON COMPRAS."CLIENTE ID" = CLIENTES."ID"
JOIN COMICS ON COMPRAS."COMIC ID" = COMICS."ID"
ORDER BY comics."PRECIO $" DESC;
```

Input   Run SQL   Available Tables

```sql
UPDATE "COMICS"
SET "PRECIO $" = 58300
WHERE "ID" = 5;
```

Output

COMICS

ID	TITULO	AUTOR	EDITORIAL	FECHA PUBLICACION	PRECIO $
1	Aironman #345	Marvel	Marvel	10/06/2024	25200
2	Antman #201	Marvel	Marvel	15/08/2023	35200
3	Batman y Robin #4	DC comics	DC comics	15/04/2020	125800
4	Starfire #34	DC comics	DC comics	10/05/2004	325200
5	Dr Strange #46	Marvel	Marvel	0/01/2017	58300
6	Spiderman #56	Marvel	Marvel	08/06/2003	222200

```
UPDATE "COMICS"
SET "PRECIO $" = 58300
WHERE "ID" = 5;
```



```
SELECT * FROM COMICS WHERE "EDITORIAL" LIKE '%DC comics%';
```



```
ALTER TABLE CLIENTES
DROP COLUMN "FECHA REGISTRO";
```