



TECNOLÓGICO  
NACIONAL DE MÉXICO



# INSTITUTO TECNOLÓGICO DE ESTUDIOS SUPERIORES DE LOS CABOS

## **MATERIA:**

Taller de base de datos

## **TRABAJO:**

3.2. Práctica Usuarios y Roles.

## **DOCENTE:**

MSC. LILIA UREÑA LUGO

## **GRUPO:**

5ISC01M

## **ESTUDIANTE(S):**

Sanchez Arroyo Edgar

**No. 1 TITULO:** Practicas con Roles para Jefe de Almacén (warehouse manager)**OBJETIVO:** Crear usuarios y Elaborar roles para asignar a usuarios**INSTRUCCIONES:** Utilizando la base de datos de ejemplo realizar los ejercicios siguientes:

Asignar a dos empleados que tenga el jobtitle de Sales Rep a warehouse manager.

**Indicaciones:** Crear el usuario Warehouse y el rol WarehouseMag y asignarlo a dicho usuario.

Antes de crear el rol, deberá analizar la base de datos y determinar claramente a que tablas puede tener accesos y que permisos (INSERT, UPDATE, DELETE, SELECT ETC) así mismo Crear vistas con resúmenes de información útil para que el empleado pueda realizar su trabajo de manera efectiva.

**a) Lista de tablas:**

Tabla 1 (products):

productCode	productName	productLine	productScale	productVendor	productDescription	quantityInStock	buyPrice	MSRP
S10_1678	1969 Harley Davidson Ultimate Chopper	Motorcycles	1:10	Min Lin Diecast	This replica features working kickstand, front su...	7933	48.81	95.70
S10_1949	1952 Alpine Renault 1300	Classic Cars	1:10	Classic Metal Creations	Turnable front wheels; steering function; detail...	7305	98.58	214.30
S10_2016	1996 Moto Guzzi 1100i	Motorcycles	1:10	Highway 66 Mini Classics	Official Moto Guzzi logos and insignias, saddle b...	6625	68.99	118.94
S10_4698	2003 Harley-Davidson Eagle Drag Bike	Motorcycles	1:10	Red Start Diecast	Model features, official Harley Davidson logos a...	5582	91.02	193.66
S10_4757	1972 Alfa Romeo GTA	Classic Cars	1:10	Motor City Art Classics	Features include: Turnable front wheels; steeri...	3252	85.68	136.00
S10_4962	1962 Lancia Delta 16V	Classic Cars	1:10	Second Gear Diecast	Features include: Turnable front wheels; steeri...	6791	103.42	147.74
S12_1099	1968 Ford Mustang	Classic Cars	1:12	Autoart Studio Design	Hood, doors and trunk all open to reveal highly ...	68	95.34	194.57
S12_1108	2001 Ferrari Enzo	Classic Cars	1:12	Second Gear Diecast	Turnable front wheels; steering function; detail...	3619	95.59	207.80
S12_1666	1958 Setra Bus	Trucks and Buses	1:12	Welly Diecast Productions	Model features 30 windows, skylights & glare re...	1579	77.90	136.67
S12_2823	2002 Suzuki XREO	Motorcycles	1:12	Unimax Art Galleries	Official logos and insignias, saddle bags located ...	9997	66.27	150.62

Permisos:

INSERT, SELECT, UPDATE, DELETE

Tabla 2 (orders):

orderNumber	orderDate	requiredDate	shippedDate	status	comments	customerNumber
10100	2003-01-06	2003-01-13	2003-01-10	Shipped	NULL	363
10101	2003-01-09	2003-01-18	2003-01-11	Shipped	Check on availability.	128
10102	2003-01-10	2003-01-18	2003-01-14	Shipped	NULL	181
10103	2003-01-29	2003-02-07	2003-02-02	Shipped	NULL	121
10104	2003-01-31	2003-02-09	2003-02-01	Shipped	NULL	141
10105	2003-02-11	2003-02-21	2003-02-12	Shipped	NULL	145
10106	2003-02-17	2003-02-24	2003-02-21	Shipped	NULL	278
10107	2003-02-24	2003-03-03	2003-02-26	Shipped	Difficult to negotiate with customer. We need m...	131
10108	2003-03-03	2003-03-12	2003-03-08	Shipped	NULL	385
10109	2003-03-10	2003-03-19	2003-03-11	Shipped	Customer requested that FedEx Ground is used...	486
10110	2003-03-18	2003-03-24	2003-03-20	Shipped	NULL	187
10111	2003-03-25	2003-03-31	2003-03-30	Shipped	NULL	129
10112	2003-03-24	2003-04-03	2003-03-29	Shipped	Customer requested that ad materials (such as ...	144
10113	2003-03-26	2003-04-02	2003-03-27	Shipped	NULL	124

Permisos

SELECT, UPDATE

Tabla 3 (productlines):

	productLine	textDescription	htmlDescription	image
▶	Classic Cars	Attention car enthusiasts: Make your wildest ca...	NULL	NULL
	Motorcycles	Our motorcycles are state of the art replicas of ...	NULL	NULL
	Planes	Unique, diecast airplane and helicopter replicas ...	NULL	NULL
	Ships	The perfect holiday or anniversary gift for exec...	NULL	NULL
	Trains	Model trains are a rewarding hobby for enthusi...	NULL	NULL
	Trucks and Buses	The Truck and Bus models are realistic replicas o...	NULL	NULL
	Vintage Cars	Our Vintage Car models realistically portray aut...	NULL	NULL
*	NULL	NULL	NULL	NULL

INSERT, SELECT, UPDATE, DELETE

Tabla 4 (orderdetails):

	orderNumber	productCode	quantityOrdered	priceEach	orderLineNumber
▶	10100	S18_1749	30	136.00	3
	10100	S18_2248	50	55.09	2
	10100	S18_4409	22	75.46	4
	10100	S24_3969	49	35.29	1
	10101	S18_2325	25	108.06	4
	10101	S18_2795	26	167.06	1
	10101	S24_1937	45	32.53	3
	10101	S24_2022	46	44.35	2
	10102	S18_1342	39	95.55	2
	10102	S18_1367	41	43.13	1
	10103	S10_1949	26	214.30	11
	10103	S10_4962	42	119.67	4
	10103	S12_1666	27	121.64	8
	10103	S18_1097	35	94.50	10
	10103	S18_2432	22	58.34	2

Permisos:

SELECT, UPDATE

## b) Lista de vistas:

Vista 1 (Inventario):

	productCode	productName	productLine	quantityInStock
►	S10_1949	1952 Alpine Renault 1300	Classic Cars	7305
	S10_4757	1972 Alfa Romeo GTA	Classic Cars	3252
	S10_4962	1962 LanciaA Delta 16V	Classic Cars	6791
	S12_1099	1968 Ford Mustang	Classic Cars	68
	S12_1108	2001 Ferrari Enzo	Classic Cars	3619
	S12_3148	1969 Corvair Monza	Classic Cars	6906
	S12_3380	1968 Dodge Charger	Classic Cars	9123
	S12_3891	1969 Ford Falcon	Classic Cars	1049
	S12_3990	1970 Plymouth Hemi Cuda	Classic Cars	5663
	S12_4675	1969 Dodge Charger	Classic Cars	7323
	S18_1129	1993 Mazda RX-7	Classic Cars	3975
	S18_1589	1965 Aston Martin DB5	Classic Cars	9042
	S18_1889	1948 Porsche 356-A Roa...	Classic Cars	8826
	S18_1984	1995 Honda Civic	Classic Cars	9772
	S18_2238	1998 Chrysler Plymouth ...	Classic Cars	4724

Permisos:

SELECT, INSERT, UPDATE, DELETE

Vista 2 (Recibos\_compra):

	orderNumber	customerNumber	productCode	totalQuantity	total
►	10399	496	S18_1749	918	140535.60
	10360	496	S18_1749	918	140535.60
	10179	496	S18_1749	918	140535.60
	10138	496	S18_1749	918	140535.60
	10243	495	S18_1749	918	140535.60
	10207	495	S18_1749	918	140535.60
	10213	489	S18_1749	918	140535.60
	10186	489	S18_1749	918	140535.60
	10219	487	S18_1749	918	140535.60
	10149	487	S18_1749	918	140535.60
	10331	486	S18_1749	918	140535.60
	10236	486	S18_1749	918	140535.60
	10109	486	S18_1749	918	140535.60
	10303	484	S18_1749	918	140535.60

Permisos:

SELECT

### c) Código de creación de usuarios y roles

#### 1. Código creación del usuario Warehouse:

```
create user "WareHouse"@"localhost" identified by "edguitar";
```

#### 2. Código creación del rol WarehouseMag:

- ```
Create role "WarehouseMag";
```

#### 3. Código asignación del rol WarehouseMag al usuario Warehouse:

## No. 2 TITULO: Practicas con Roles para Representante de ventas

**OBJETIVO:** Crear usuarios y Elaborar roles para asignar a usuarios

**INSTRUCCIONES:** Utilizando la base de datos de ejemplo realizar los ejercicios siguientes:

**Indicaciones:** Crear el usuario EmployeeSales y el rol SalesRep y asignarlo a dicho usuario.

Antes de crear el rol, deberá analizar la base de datos y determinar claramente a que tablas puede tener accesos y que permisos (INSERT, UPDATE, DELETE, SELECT ETC) así mismo Crear vistas con resúmenes de información útil para que el empleado pueda realizar su trabajo de manera efectiva.

### d) Lista de tablas:

Tabla 1 (products):

| productCode | productName                           | productLine      | productScale | productVendor             | productDescription                                    | quantityInStock | buyPrice | MSRP   |
|-------------|---------------------------------------|------------------|--------------|---------------------------|-------------------------------------------------------|-----------------|----------|--------|
| S10_1678    | 1969 Harley Davidson Ultimate Chopper | Motorcycles      | 1:10         | Min Lin Diecast           | This replica features working kickstand, front su...  | 7933            | 48.81    | 95.70  |
| S10_1949    | 1952 Alpine Renault 1300              | Classic Cars     | 1:10         | Classic Metal Creations   | Turnable front wheels; steering function; detail...   | 7305            | 98.58    | 214.30 |
| S10_2016    | 1996 Moto Guzzi 1100i                 | Motorcycles      | 1:10         | Highway 66 Mini Classics  | Official Moto Guzzi logos and insignias, saddle b...  | 6625            | 68.99    | 118.94 |
| S10_4698    | 2003 Harley-Davidson Eagle Drag Bike  | Motorcycles      | 1:10         | Red Start Diecast         | Model features, official Harley Davidson logos a...   | 5582            | 91.02    | 193.66 |
| S10_4757    | 1972 Alfa Romeo GTA                   | Classic Cars     | 1:10         | Motor City Art Classics   | Features include: Turnable front wheels; steeri...    | 3252            | 85.68    | 136.00 |
| S10_4962    | 1962 Lancia Delta 16V                 | Classic Cars     | 1:10         | Second Gear Diecast       | Features include: Turnable front wheels; steeri...    | 6791            | 103.42   | 147.74 |
| S12_1099    | 1968 Ford Mustang                     | Classic Cars     | 1:12         | Autoart Studio Design     | Hood, doors and trunk all open to reveal highly ...   | 68              | 95.34    | 194.57 |
| S12_1108    | 2001 Ferrari Enzo                     | Classic Cars     | 1:12         | Second Gear Diecast       | Turnable front wheels; steering function; detail...   | 3619            | 95.59    | 207.80 |
| S12_1666    | 1958 Setra Bus                        | Trucks and Buses | 1:12         | Welly Diecast Productions | Model features 30 windows, skylights & glare re...    | 1579            | 77.90    | 136.67 |
| S12_2823    | 2002 Suzuki XREO                      | Motorcycles      | 1:12         | Unimax Art Galleries      | Official logos and insignias, saddle bags located ... | 9997            | 66.27    | 150.62 |

Permisos

SELECT

Tabla 2 (orders):

| orderNumber | orderDate  | requiredDate | shippedDate | status  | comments                                           | customerNumber |
|-------------|------------|--------------|-------------|---------|----------------------------------------------------|----------------|
| 10100       | 2003-01-06 | 2003-01-13   | 2003-01-10  | Shipped | NULL                                               | 363            |
| 10101       | 2003-01-09 | 2003-01-18   | 2003-01-11  | Shipped | Check on availability.                             | 128            |
| 10102       | 2003-01-10 | 2003-01-18   | 2003-01-14  | Shipped | NULL                                               | 181            |
| 10103       | 2003-01-29 | 2003-02-07   | 2003-02-02  | Shipped | NULL                                               | 121            |
| 10104       | 2003-01-31 | 2003-02-09   | 2003-02-01  | Shipped | NULL                                               | 141            |
| 10105       | 2003-02-11 | 2003-02-21   | 2003-02-12  | Shipped | NULL                                               | 145            |
| 10106       | 2003-02-17 | 2003-02-24   | 2003-02-21  | Shipped | NULL                                               | 278            |
| 10107       | 2003-02-24 | 2003-03-03   | 2003-02-26  | Shipped | Difficult to negotiate with customer. We need m... | 131            |
| 10108       | 2003-03-03 | 2003-03-12   | 2003-03-08  | Shipped | NULL                                               | 385            |
| 10109       | 2003-03-10 | 2003-03-19   | 2003-03-11  | Shipped | Customer requested that FedEx Ground is used...    | 486            |
| 10110       | 2003-03-18 | 2003-03-24   | 2003-03-20  | Shipped | NULL                                               | 187            |
| 10111       | 2003-03-25 | 2003-03-31   | 2003-03-30  | Shipped | NULL                                               | 129            |
| 10112       | 2003-03-24 | 2003-04-03   | 2003-03-29  | Shipped | Customer requested that ad materials (such as ...  | 144            |
| 10113       | 2003-03-26 | 2003-04-02   | 2003-03-27  | Shipped | NULL                                               | 124            |

## Permisos

SELECT, UPDATE, INSERT, DELETE

Tabla 3 (orderdetails):

|   | orderNumber | productCode | quantityOrdered | priceEach | orderLineNumber |
|---|-------------|-------------|-----------------|-----------|-----------------|
| ▶ | 10100       | S18_1749    | 30              | 136.00    | 3               |
|   | 10100       | S18_2248    | 50              | 55.09     | 2               |
|   | 10100       | S18_4409    | 22              | 75.46     | 4               |
|   | 10100       | S24_3969    | 49              | 35.29     | 1               |
|   | 10101       | S18_2325    | 25              | 108.06    | 4               |
|   | 10101       | S18_2795    | 26              | 167.06    | 1               |
|   | 10101       | S24_1937    | 45              | 32.53     | 3               |
|   | 10101       | S24_2022    | 46              | 44.35     | 2               |
|   | 10102       | S18_1342    | 39              | 95.55     | 2               |
|   | 10102       | S18_1367    | 41              | 43.13     | 1               |
|   | 10103       | S10_1949    | 26              | 214.30    | 11              |
|   | 10103       | S10_4962    | 42              | 119.67    | 4               |
|   | 10103       | S12_1666    | 27              | 121.64    | 8               |
|   | 10103       | S18_1097    | 35              | 94.50     | 10              |
|   | 10103       | S18_2432    | 22              | 58.34     | 2               |

## Permisos

SELECT, UPDATE, INSERT, DELETE

Tabla 4 (customers):

|   | customerNumber | customerName                 | contactLastName  | contactFirstName | phone             | addressLine1                 | addressLine2 | city          | state    | postalCode | country   | salesRepEmployeeNumber | creditLimit |
|---|----------------|------------------------------|------------------|------------------|-------------------|------------------------------|--------------|---------------|----------|------------|-----------|------------------------|-------------|
| ▶ | 103            | Atelier graphique            | Schmitt          | Carine           | 40.32.2555        | 54, rue Royale               | Nantes       | Nantes        | 44000    | France     | 1370      |                        | 21000.00    |
|   | 112            | Signal Gift Stores           | King             | Jean             | 7025551838        | 8489 Strong St.              | NV           | Las Vegas     | NV       | 83030      | USA       | 1166                   | 71800.00    |
|   | 114            | Australian Collectors, Co.   | Ferguson         | Peter            | 03 9520 4555      | 636 St Kilda Road            | Level 3      | Melbourne     | Victoria | 3004       | Australia | 1611                   | 117300.00   |
|   | 119            | La Rochelle Gifts            | Labruno          | Janine           | 40.67.8555        | 67, rue des Cinquante Otages | Nantes       | Nantes        | 44000    | France     | 1370      |                        | 118200.00   |
|   | 121            | Baane Mini Imports           | Bergulfsen       | Jonas            | 07-98 9555        | Erling Skakkes gate 78       | Norway       | Stavern       | 4110     | Norway     | 1504      |                        | 81700.00    |
|   | 124            | Mini Gifts Distributors Ltd. | Nelson           | Susan            | 4155551450        | 5677 Strong St.              | CA           | San Rafael    | CA       | 97562      | USA       | 1165                   | 210500.00   |
|   | 125            | Havel & Zbyszek Co           | Piesterzeniewicz | Zbyszek          | (26) 642-7555     | ul. Filtrów 68               | Poland       | Warszawa      | 01-012   | Poland     |           |                        | 0.00        |
|   | 128            | Blauer See Auto, Co.         | Keitel           | Roland           | +49 69 66 90 2555 | Lyonerstr. 34                | Germany      | Frankfurt     | 60528    | Germany    | 1504      |                        | 59700.00    |
|   | 129            | Mini Wheels Co.              | Murphy           | Julie            | 6505555787        | 5557 North Pendale Street    | CA           | San Francisco | CA       | 94217      | USA       | 1165                   | 64600.00    |
|   | 131            | Land of Toys Inc.            | Lee              | Kwai             | 2125557818        | 897 Long Airport Avenue      | NY           | NYC           | NY       | 10022      | USA       | 1323                   | 114900.00   |
|   | 141            | Euro+ Shopping Channel       | Freyre           | Diego            | (91) 555 94 44    | C/Moralzarzal, 86            | Spain        | Madrid        | 28034    | Spain      | 1370      |                        | 227600.00   |
|   | 144            | Volvo Model Replicas, Co     | Berglund         | Christina        | 0921-12 3555      | Berguvsvägen 8               | Sweden       | Luleå         | S-958 22 | Sweden     | 1504      |                        | 53100.00    |

## Permisos

SELECT,UPDATE,INSERT,DELETE

Tabla 5 (payments):

|   | customerNumber | checkNumber | paymentDate | amount   |
|---|----------------|-------------|-------------|----------|
| ▶ | 103            | HQ336336    | 2004-10-19  | 6066.78  |
|   | 103            | JM555205    | 2003-06-05  | 14571.44 |
|   | 103            | OM314933    | 2004-12-18  | 1676.14  |
|   | 112            | BO864823    | 2004-12-17  | 14191.12 |
|   | 112            | HQ55022     | 2003-06-06  | 32641.98 |
|   | 112            | ND748579    | 2004-08-20  | 33347.88 |
|   | 114            | GG31455     | 2003-05-20  | 45864.03 |
|   | 114            | MA765515    | 2004-12-15  | 82261.22 |
|   | 114            | NP603840    | 2003-05-31  | 7565.08  |
|   | 114            | NR27552     | 2004-03-10  | 44894.74 |
|   | 119            | DB933704    | 2004-11-14  | 19501.82 |
|   | 119            | LN373447    | 2004-08-08  | 47924.19 |

Permisos

SELECT, INSERT, DELETE, UPDATE

#### e) Lista de vistas:

Vista 1 (cliente\_venta):

|   | customerNumber | orderNumber | Cliente                                   | phone        | city      |
|---|----------------|-------------|-------------------------------------------|--------------|-----------|
| ▶ | 103            | 10123       | Carine Schmitt Atelier graphique          | 40.32.2555   | Nantes    |
|   | 103            | 10298       | Carine Schmitt Atelier graphique          | 40.32.2555   | Nantes    |
|   | 103            | 10345       | Carine Schmitt Atelier graphique          | 40.32.2555   | Nantes    |
|   | 112            | 10124       | Jean King Signal Gift Stores              | 7025551838   | Las Vegas |
|   | 112            | 10278       | Jean King Signal Gift Stores              | 7025551838   | Las Vegas |
|   | 112            | 10346       | Jean King Signal Gift Stores              | 7025551838   | Las Vegas |
|   | 114            | 10120       | Peter Ferguson Australian Collectors, Co. | 03 9520 4555 | Melbourne |
|   | 114            | 10125       | Peter Ferguson Australian Collectors, Co. | 03 9520 4555 | Melbourne |
|   | 114            | 10223       | Peter Ferguson Australian Collectors, Co. | 03 9520 4555 | Melbourne |
|   | 114            | 10342       | Peter Ferguson Australian Collectors, Co. | 03 9520 4555 | Melbourne |
|   | 114            | 10347       | Peter Ferguson Australian Collectors, Co. | 03 9520 4555 | Melbourne |
|   | 119            | 10275       | Janine Labrune La Rochelle Gifts          | 40.67.8555   | Nantes    |
|   | 119            | 10315       | Janine Labrune La Rochelle Gifts          | 40.67.8555   | Nantes    |
|   | 119            | 10375       | Janine Labrune La Rochelle Gifts          | 40.67.8555   | Nantes    |
|   | 119            | 10425       | Janine Labrune La Rochelle Gifts          | 40.67.8555   | Nantes    |

Permisos

SELECT, UPDATE



## f) Código de creación de usuarios y roles

4. Código creación del usuario **EmployeeSales**:

```
CREATE USER "EmployeeSales"@"localhost";
```

5. Código creación del rol **SalesRep**:

```
CREATE ROLE "SalesRep";
```

6. Código asignación del rol **SalesRep** al usuario **employeesales**:

| No. 3 | TITULO: Practicas con Roles para Cliente ( Customers )                                           |
|-------|--------------------------------------------------------------------------------------------------|
|       | <b>OBJETIVO:</b> Crear usuarios y Elaborar roles para asignar a usuarios                         |
|       | <b>INSTRUCCIONES:</b> Utilizando la base de datos de ejemplo realizar los ejercicios siguientes: |

**Indicaciones:** Crear el usuario **Customers** y el rol **CustomersAct** y asignarlo a dicho usuario.

Antes de crear el rol, deberá analizar la base de datos y determinar claramente a que tablas puede tener accesos y que permisos (INSERT, UPDATE, DELETE, SELECT ETC) así mismo Crear vistas con resúmenes de información útil para que el cliente pueda realizar compras, ver historial de pedidos, entre otras operaciones de manera efectiva.

## g) Lista de tablas:

Tabla 1 (offices):

|   | officeCode | city          | phone            | addressLine1             | addressLine2 | state | country    | postalCode | territory | officeStatus |
|---|------------|---------------|------------------|--------------------------|--------------|-------|------------|------------|-----------|--------------|
| ▶ | 1          | San Francisco | +1 650 219 4782  | 100 Market Street        | Suite 300    | CA    | USA        | 94080      | NA        | 1            |
|   | 2          | Boston        | +1 215 837 0825  | 1550 Court Place         | Suite 102    | MA    | USA        | 02107      | NA        | 1            |
|   | 3          | NYC           | +1 212 555 3000  | 523 East 53rd Street     | apt. 5A      | NY    | USA        | 10022      | NA        | 0            |
|   | 4          | Paris         | +33 14 723 4404  | 43 Rue Jouffroy D'abbans |              | NULL  | France     | 75017      | EMEA      | 1            |
|   | 5          | Tokyo         | +81 33 224 5000  | 4-1 Kioicho              |              | NULL  | Chiyoda-Ku | 102-8578   | Japan     | 1            |
|   | 6          | Sydney        | +61 2 9264 2451  | 5-11 Wentworth Avenue    | Floor #2     | NULL  | Australia  | NSW 2010   | APAC      | 1            |
|   | 7          | London        | +44 20 7877 2041 | 25 Old Broad Street      | Level 7      | NULL  | UK         | EC2N 1HN   | EMEA      | 1            |
| • | NULL       | NULL          | NULL             | NULL                     | NULL         | NULL  | NULL       | NULL       | NULL      | NULL         |

Permisos

SELECT

Tabla products:

|   | productCode | productName                           | productLine      | productScale | productVendor             | productDescription                                    | quantityInStock | buyPrice | MSRP   |
|---|-------------|---------------------------------------|------------------|--------------|---------------------------|-------------------------------------------------------|-----------------|----------|--------|
| ▶ | S10_1678    | 1969 Harley Davidson Ultimate Chopper | Motorcycles      | 1:10         | Min Lin Diecast           | This replica features working kickstand, front su...  | 7933            | 48.81    | 95.70  |
|   | S10_1949    | 1952 Alpine Renault 1300              | Classic Cars     | 1:10         | Classic Metal Creations   | Turnable front wheels; steering function; detail...   | 7305            | 98.58    | 214.30 |
|   | S10_2016    | 1996 Moto Guzzi 1100i                 | Motorcycles      | 1:10         | Highway 66 Mini Classics  | Official Moto Guzzi logos and insignias, saddle b...  | 6625            | 68.99    | 118.94 |
|   | S10_4698    | 2003 Harley-Davidson Eagle Drag Bike  | Motorcycles      | 1:10         | Red Start Diecast         | Model features, official Harley Davidson logos a...   | 5582            | 91.02    | 193.66 |
|   | S10_4757    | 1972 Alfa Romeo GTA                   | Classic Cars     | 1:10         | Motor City Art Classics   | Features include: Turnable front wheels; steeri...    | 3252            | 85.68    | 136.00 |
|   | S10_4962    | 1962 Lancia Delta 16V                 | Classic Cars     | 1:10         | Second Gear Diecast       | Features include: Turnable front wheels; steeri...    | 6791            | 103.42   | 147.74 |
|   | S12_1099    | 1968 Ford Mustang                     | Classic Cars     | 1:12         | Autoart Studio Design     | Hood, doors and trunk all open to reveal highly ...   | 68              | 95.34    | 194.57 |
|   | S12_1108    | 2001 Ferrari Enzo                     | Classic Cars     | 1:12         | Second Gear Diecast       | Turnable front wheels; steering function; detail...   | 3619            | 95.59    | 207.80 |
|   | S12_1666    | 1958 Setra Bus                        | Trucks and Buses | 1:12         | Welly Diecast Productions | Model features 30 windows, skylights & glare re...    | 1579            | 77.90    | 136.67 |
|   | S12_2823    | 2002 Suzuki XREO                      | Motorcycles      | 1:12         | Unimax Art Galleries      | Official logos and insignias, saddle bags located ... | 9997            | 66.27    | 150.62 |
|   | S12_3148    | 1969 Corvair Monza                    | Classic Cars     | 1:18         | Welly Diecast Productions | 1:18 scale die-cast about 10" long doors open, ...    | 6906            | 89.14    | 151.08 |
|   | S12_3380    | 1968 Dodge Charger                    | Classic Cars     | 1:12         | Welly Diecast Productions | 1:12 scale model of a 1968 Dodge Charger. Ho...       | 9123            | 75.16    | 117.44 |
|   | S12_3891    | 1969 Ford Falcon                      | Classic Cars     | 1:12         | Second Gear Diecast       | Turnable front wheels; steering function; detail...   | 1049            | 83.05    | 173.02 |
|   | S12_3990    | 1970 Plymouth Hemi Cuda               | Classic Cars     | 1:12         | Studio M Art Models       | Very detailed 1970 Plymouth Cuda model in 1:1...      | 5663            | 31.92    | 79.80  |
|   | S12_4473    | 1957 Chevy Pickup                     | Trucks and Buses | 1:12         | Exoto Designs             | 1:12 scale die-cast about 20" long Hood opens, ...    | 6125            | 55.70    | 118.50 |



Permisos

SELECT

Tabla orders:

|   | orderNumber | orderDate  | requiredDate | shippedDate | status  | comments                                           | customerNumber |
|---|-------------|------------|--------------|-------------|---------|----------------------------------------------------|----------------|
| ▶ | 10100       | 2003-01-06 | 2003-01-13   | 2003-01-10  | Shipped | NULL                                               | 363            |
|   | 10101       | 2003-01-09 | 2003-01-18   | 2003-01-11  | Shipped | Check on availability.                             | 128            |
|   | 10102       | 2003-01-10 | 2003-01-18   | 2003-01-14  | Shipped | NULL                                               | 181            |
|   | 10103       | 2003-01-29 | 2003-02-07   | 2003-02-02  | Shipped | NULL                                               | 121            |
|   | 10104       | 2003-01-31 | 2003-02-09   | 2003-02-01  | Shipped | NULL                                               | 141            |
|   | 10105       | 2003-02-11 | 2003-02-21   | 2003-02-12  | Shipped | NULL                                               | 145            |
|   | 10106       | 2003-02-17 | 2003-02-24   | 2003-02-21  | Shipped | NULL                                               | 278            |
|   | 10107       | 2003-02-24 | 2003-03-03   | 2003-02-26  | Shipped | Difficult to negotiate with customer. We need m... | 131            |
|   | 10108       | 2003-03-03 | 2003-03-12   | 2003-03-08  | Shipped | NULL                                               | 385            |
|   | 10109       | 2003-03-10 | 2003-03-19   | 2003-03-11  | Shipped | Customer requested that FedEx Ground is used...    | 486            |
|   | 10110       | 2003-03-18 | 2003-03-24   | 2003-03-20  | Shipped | NULL                                               | 187            |
|   | 10111       | 2003-03-25 | 2003-03-31   | 2003-03-30  | Shipped | NULL                                               | 129            |
|   | 10112       | 2003-03-24 | 2003-04-03   | 2003-03-29  | Shipped | Customer requested that ad materials (such as ...  | 144            |
|   | 10113       | 2003-03-26 | 2003-04-02   | 2003-03-27  | Shipped | NULL                                               | 124            |
|   | 10114       | 2003-04-01 | 2003-04-07   | 2003-04-02  | Shipped | NULL                                               | 172            |

Permisos

SELECT

Tabla ordersdetails:

|   | orderNumber | productCode | quantityOrdered | priceEach | orderLineNumber |
|---|-------------|-------------|-----------------|-----------|-----------------|
| ▶ | 10100       | S18_1749    | 30              | 136.00    | 3               |
|   | 10100       | S18_2248    | 50              | 55.09     | 2               |
|   | 10100       | S18_4409    | 22              | 75.46     | 4               |
|   | 10100       | S24_3969    | 49              | 35.29     | 1               |
|   | 10101       | S18_2325    | 25              | 108.06    | 4               |
|   | 10101       | S18_2795    | 26              | 167.06    | 1               |
|   | 10101       | S24_1937    | 45              | 32.53     | 3               |
|   | 10101       | S24_2022    | 46              | 44.35     | 2               |
|   | 10102       | S18_1342    | 39              | 95.55     | 2               |
|   | 10102       | S18_1367    | 41              | 43.13     | 1               |
|   | 10103       | S10_1949    | 26              | 214.30    | 11              |
|   | 10103       | S10_4962    | 42              | 119.67    | 4               |
|   | 10103       | S12_1666    | 27              | 121.64    | 8               |
|   | 10103       | S18_1097    | 35              | 94.50     | 10              |

Permisos

SELECT

## h) Lista de vistas:

Vista 1 (Catalogo\_products):

|   | productName                           | productVendor             | productDescription                                    | buyPrice |
|---|---------------------------------------|---------------------------|-------------------------------------------------------|----------|
| ▶ | 1969 Harley Davidson Ultimate Chopper | Min Lin Diecast           | This replica features working kickstand, front su...  | 48.81    |
|   | 1952 Alpine Renault 1300              | Classic Metal Creations   | Turnable front wheels; steering function; detail...   | 98.58    |
|   | 1996 Moto Guzzi 1100i                 | Highway 66 Mini Classics  | Official Moto Guzzi logos and insignias, saddle b...  | 68.99    |
|   | 2003 Harley-Davidson Eagle Drag Bike  | Red Start Diecast         | Model features, official Harley Davidson logos a...   | 91.02    |
|   | 1972 Alfa Romeo GTA                   | Motor City Art Classics   | Features include: Turnable front wheels; steeri...    | 85.68    |
|   | 1962 LanciaA Delta 16V                | Second Gear Diecast       | Features include: Turnable front wheels; steeri...    | 103.42   |
|   | 1968 Ford Mustang                     | Autoart Studio Design     | Hood, doors and trunk all open to reveal highly ...   | 95.34    |
|   | 2001 Ferrari Enzo                     | Second Gear Diecast       | Turnable front wheels; steering function; detail...   | 95.59    |
|   | 1958 Setra Bus                        | Welly Diecast Productions | Model features 30 windows, skylights & glare re...    | 77.90    |
|   | 2002 Suzuki XREO                      | Unimax Art Galleries      | Official logos and insignias, saddle bags located ... | 66.27    |
|   | 1969 Corvair Monza                    | Welly Diecast Productions | 1:18 scale die-cast about 10" long doors open, ...    | 89.14    |
|   | 1968 Dodge Charger                    | Welly Diecast Productions | 1:12 scale model of a 1968 Dodge Charger. Ho...       | 75.16    |
|   | 1969 Ford Falcon                      | Second Gear Diecast       | Turnable front wheels; steering function; detail...   | 83.05    |

Permisos

SELECT

Vista lista\_ordenes:

|   | customerName                 | orderDate  | requiredDate | status  | comments                                           |
|---|------------------------------|------------|--------------|---------|----------------------------------------------------|
| ▶ | Online Diecast Creations Co. | 2003-01-06 | 2003-01-13   | Shipped | NULL                                               |
|   | Blauer See Auto, Co.         | 2003-01-09 | 2003-01-18   | Shipped | Check on availability.                             |
|   | Vitachrome Inc.              | 2003-01-10 | 2003-01-18   | Shipped | NULL                                               |
|   | Baane Mini Imports           | 2003-01-29 | 2003-02-07   | Shipped | NULL                                               |
|   | Euro+ Shopping Channel       | 2003-01-31 | 2003-02-09   | Shipped | NULL                                               |
|   | Danish Wholesale Imports     | 2003-02-11 | 2003-02-21   | Shipped | NULL                                               |
|   | Rovelli Gifts                | 2003-02-17 | 2003-02-24   | Shipped | NULL                                               |
|   | Land of Toys Inc.            | 2003-02-24 | 2003-03-03   | Shipped | Difficult to negotiate with customer. We need m... |
|   | Cruz & Sons Co.              | 2003-03-03 | 2003-03-12   | Shipped | NULL                                               |
|   | Motor Mint Distributors Inc. | 2003-03-10 | 2003-03-19   | Shipped | Customer requested that FedEx Ground is used...    |
|   | AV Stores, Co.               | 2003-03-18 | 2003-03-24   | Shipped | NULL                                               |
|   | Mini Wheels Co.              | 2003-03-25 | 2003-03-31   | Shipped | NULL                                               |
|   | Volvo Model Replicas, Co     | 2003-03-24 | 2003-04-03   | Shipped | Customer requested that ad materials (such as ...  |
|   | Mini Gifts Distributors Ltd. | 2003-03-26 | 2003-04-02   | Shipped | NULL                                               |
|   | La Corne D'abondance, Co.    | 2003-04-01 | 2003-04-07   | Shipped | NULL                                               |

Permisos

SELECT

## i) Código de creación de usuarios y roles

7. Código creación del usuario **Customers**:

```
create USER "Customers"@"localhost";
```

8. Código creación del rol **CustomersAct**:

```
CREATE ROLE "CustomersAct";
```

9. Código asignación del rol **CustomersAct** al usuario **Customers**:

```
GRANT "CustomersAct" TO "Customers"@"localhost";
```