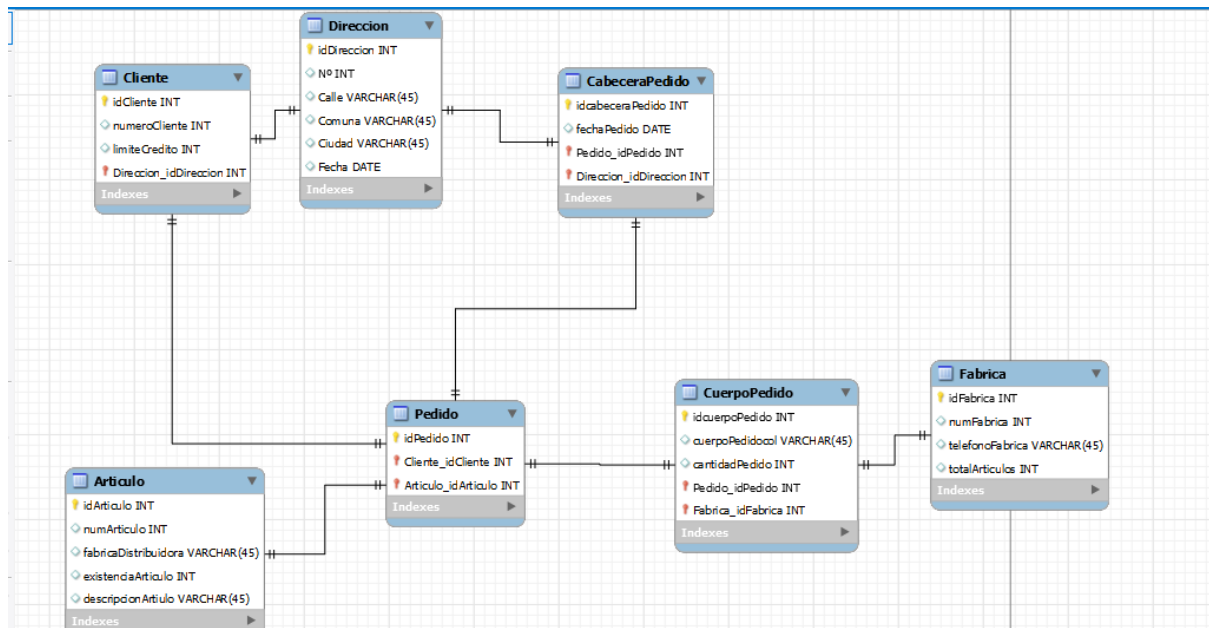
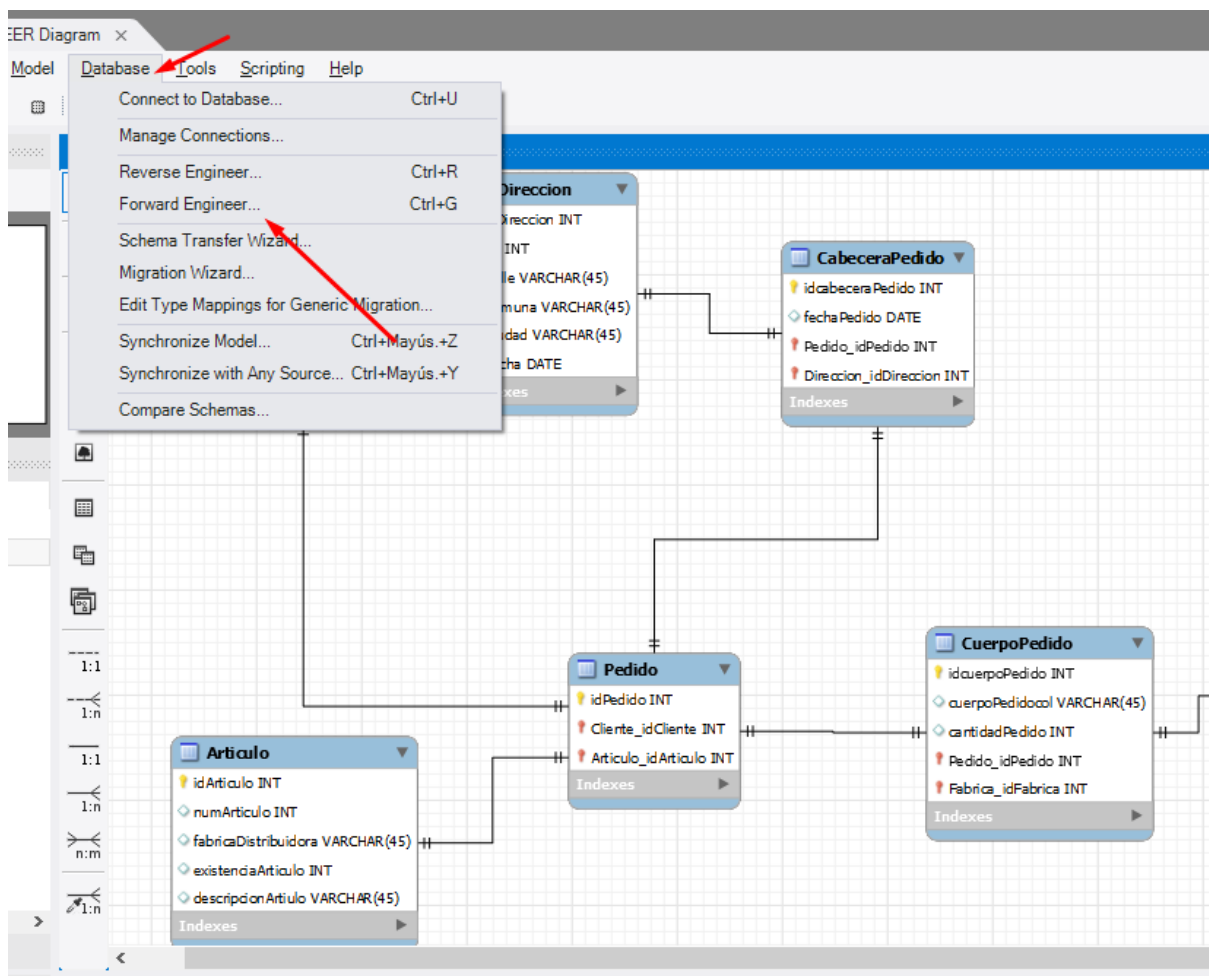


Desarrollo del modelado de datos



Para desarrollarlo en Forward Engineering



Ponemos la clave y seguimos en continuar

Engineer to Database

Connection Options

Objects

SQL Script

Progress

Set Parameters for Connecting to a DBMS

Stored Connection: Select from saved connection settings

Connection Method: Method to use to connect to the RDBMS

Parameters **SSL** Advanced

Hostname: Port: Name or IP address of the server host - and TCP/IP port.


Username: Name of the user to connect with.

Password: The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

Store Password For Connection

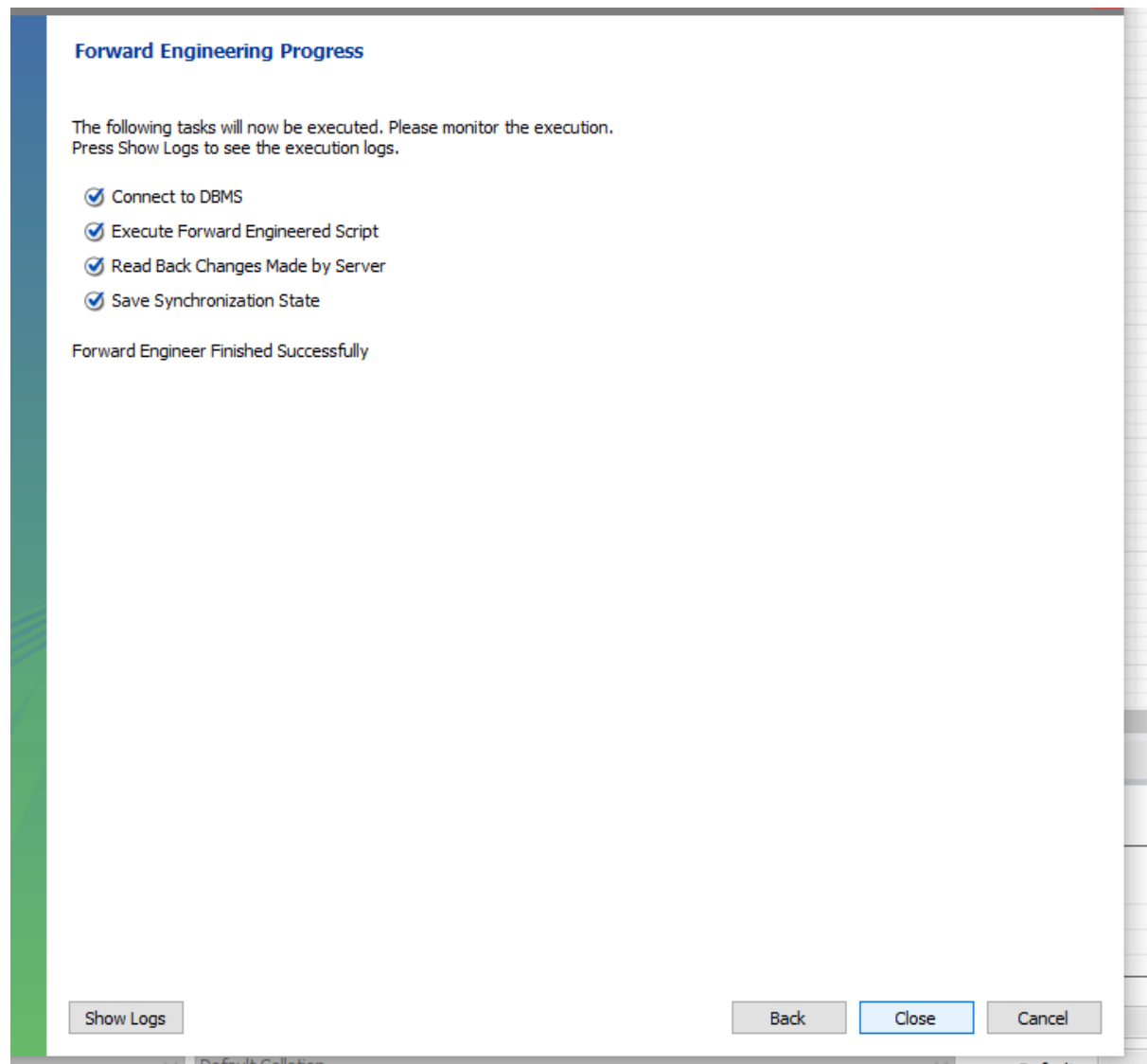
Please enter password for the following service:

 **Service:** Mysql@127.0.0.1:3306

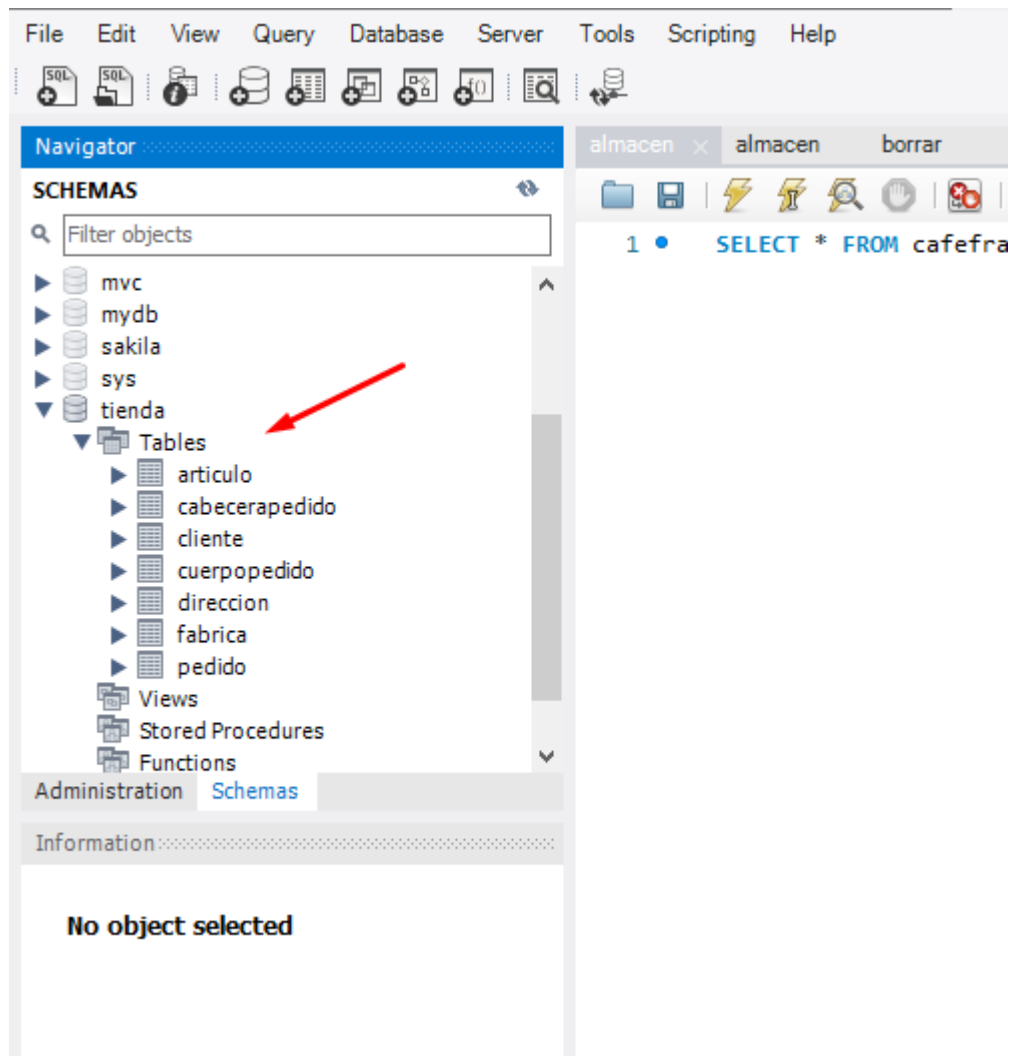
User: root

Password:

todo el proceso ha sido satisfactorio



y si nos vamos a conexiones vemos que se han creado satisfactoriamente



hacemos el procedimiento insertando 10 clientes, 5 articulos y 5 pedidos y se nos genera el procedimiento almacenado

```

1 • use tienda;
2 DELIMITER $$
3 • CREATE PROCEDURE prueba()
4 BEGIN
5     DECLARE ERROR_REGISTER BOOL DEFAULT 0;
6     DECLARE CONTINUE handler for sqlexception SET ERROR_REGISTER=1;
7
8     START TRANSACTION;
9     INSERT INTO cliente(numeroCliente,limiteCredito) values (1,"100"),(2,"200"),(3,"300"),(4,"400"),(5,"500"),(6,"600"),(7,"700"),(8,"800"),(9,"900"),(10,"1000");
10    INSERT INTO articulo(numArticulo,existenciaArticulo,descripcionArticulo) values (1,50,'Osito de Peluche'),(2,60,'Palo de Hockey'),(3,80,'Gorro Navideño'),(4,50,'Alfombra'),(5,6,'PSS');
11    INSERT INTO cabeceraPedido(fechaPedido) values (2020-05-05),(1998-09-07),(2021-01-05),(2023-03-05),(2019-07-08);
12    INSERT INTO cuerpoPedido(cantidadPedido) values (1),(2),(3),(4),(5);
13
14    IF ERROR_REGISTER=1 THEN
15        rollback;
16    ELSE
17        COMMIT;
18    END IF;
19    END $$
20 DELIMITER ;
21
22
23

```

CODIGO:

use tienda;

DELIMITER \$\$

CREATE PROCEDURE prueba()

BEGIN

DECLARE ERROR_REGISTER BOOL DEFAULT 0;

DECLARE CONTINUE handler for sqlexception SET ERROR_REGISTER=1;

START TRANSACTION;

INSERT INTO cliente(numeroCliente,limiteCredito) values

(1,"100"),(2,"200"),(3,"300"),(4,"400"),(5,"500"),(6,"600"),(7,"700"),(8,"800"),(9,"900"),(10,"1000");

INSERT INTO articulo(numArticulo,existenciaArticulo,descripcionArticulo) values (1,50,'Osito de Peluche'),(2,60,'Palo de Hockey'),(3,80,'Gorro Navideño'),(4,50,'Alfombra'),(5,6,'PS5');

INSERT INTO cabecerapedido(fechaPedido) values

(2020-05-05),(1998-09-07),(2021-01-05),(2023-03-05),(2019-07-08);

INSERT INTO cuerpoPedido(cantidadPedido) values (1),(2),(3),(4),(5);

IF ERROR_REGISTER=1 THEN

rollback;

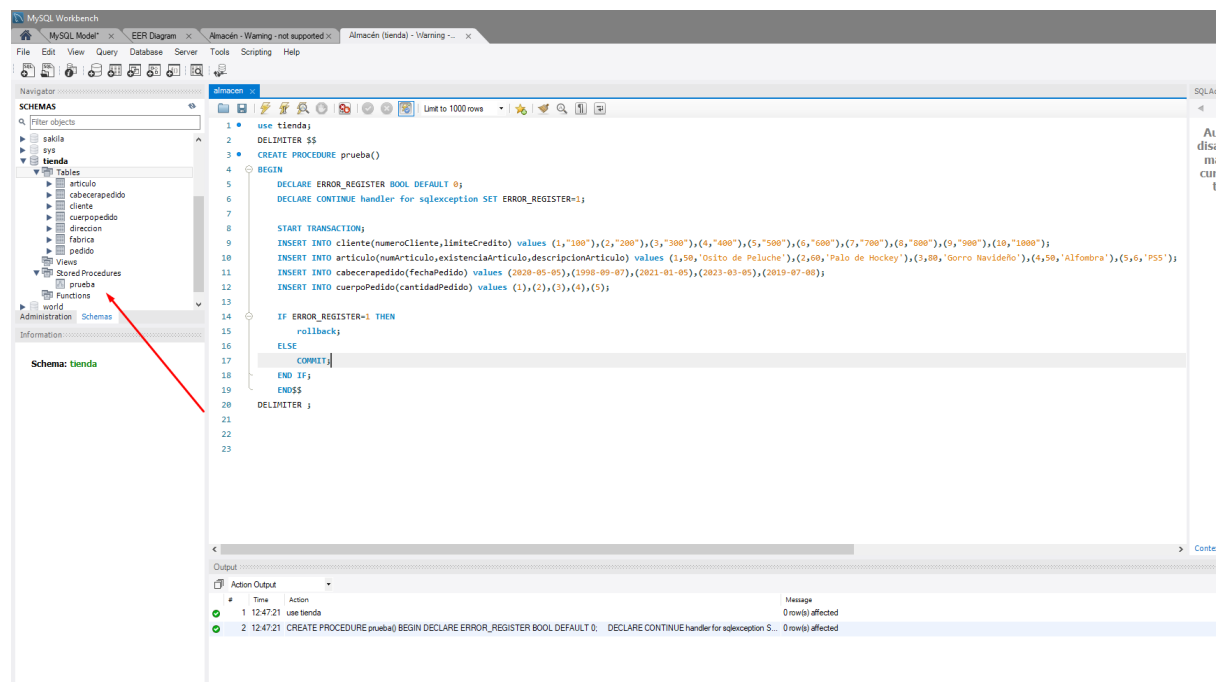
ELSE

COMMIT;

END IF;

END\$\$

DELIMITER ;



ahora vamos a hacer una vista del pedido

```
1  CREATE VIEW vista as
2      select
3          p.idPedido as 'id_Pedido',
4          cp.idcabeceraPedido as 'id_Cabecera_pedido',
5          cup.idcuerpoPedido as 'id_Cuerpo_Pedido',
6          cup.cantidadPedido as 'Cantidad_Pedido',
7          cp.fechaPedido as 'Fecha_Pedido',
8          f.idFabrica as 'id_Fabrica',
9          f.numFabrica as 'Numero_Fabrica'
10
11
12      from cabecerapedido as cp, cuerpopedido as cup, pedido as p, direccion as d, fabrica as f
13
14      where
15
16          p.idPedido = cp.Pedido_idPedido and
17          d.idDireccion = cp.Direccion_idDireccion and
18          f.idFabrica = cup.Fabrica_idFabrica
19
20
21
22      ;
```

CODIGO:

CREATE VIEW vista as

select

p.idPedido as 'id_Pedido',

cp.idcabeceraPedido as 'id_Cabecera_pedido',

cup.idcuerpoPedido as 'id_Cuerpo_Pedido',

cup.cantidadPedido as 'Cantidad_Pedido',

cp.fechaPedido as 'Fecha_Pedido',

f.idFabrica as 'id_Fabrica',

f.numFabrica as 'Numero_Fabrica'

from cabecerapedido as cp, cuerpopedido as cup, pedido as p, direccion as d, fabrica as f

where

p.idPedido = cp.Pedido_idPedido and

d.idDireccion = cp.Direccion_idDireccion and

f.idFabrica = cup.Fabrica_idFabrica

;

se nos ha creado la vista del pedido

The screenshot shows a SQL IDE interface. On the left, a tree view displays the database schema. The 'pedido' database is expanded, showing 'Columns' (idPedido, Cliente_idCliente, Artículo_idArtículo), 'Indexes', 'Foreign Keys', 'Triggers', and 'Views'. The 'vista' view is highlighted with a red arrow. Below the tree, the 'Schemas' tab is active, showing 'no object selected'. The main query editor displays the SQL statement: `SELECT * FROM tienda.vista;`. The 'Result Grid' at the bottom shows the following columns: id_Pedido, id_Cabecera_pedido, id_Cuerpo_Pedido, Cantidad_Pedido, Fecha_Pedido, id_Fabrica, and Numero_Fabrica.

id_Pedido	id_Cabecera_pedido	id_Cuerpo_Pedido	Cantidad_Pedido	Fecha_Pedido	id_Fabrica	Numero_Fabrica
-----------	--------------------	------------------	-----------------	--------------	------------	----------------

SELECT * FROM tienda.vista;