

Materia: bases de datos.

- CREATE VIEW vista_clientes_alquilados_sucursal AS SELECT c.nombre, a.marca, a.modelo FROM ClientePLSQL c JOIN AlquilerPLSQL a ON c.id_cliente = a.id_cliente JOIN SucursalPLSQL s ON a.id_sucursal = s.id_sucursal WHERE s.nombre = 'Sucursal Central';

```
Error starting at line : 1 in command -
CREATE VIEW vista_clientes_alquilados_sucursal AS SELECT c.nombre, a.marca, a.modelo FROM ClientePLSQL c JOIN AlquilerPLSQL a ON c.id_cliente = a.id_cliente JOIN SucursalPLSQL s ON a.id_sucursal = s.id_sucursal WHERE s.nombre = 'Sucursal Central';
Error report -
ORA-00904: "A"."ID_SUCURSAL": invalid identifier
00904. 00000 - "%s: invalid identifier"
*Cause:
*Action:
```

- CREATE VIEW vista_autos_alquilados_cliente_fecha AS SELECT a.marca, a.modelo FROM AutoPLSQL a JOIN AlquilerPLSQL al ON a.id_auto = al.id_auto WHERE al.id_cliente = 1 AND al.fecha_inicio = '2023-09-27';

```
Error starting at line : 1 in command -
CREATE VIEW vista_autos_alquilados_cliente_fecha AS SELECT a.marca, a.modelo FROM AutoPLSQL a JOIN AlquilerPLSQL al ON a.id_auto = al.id_auto WHERE al.id_cliente = 1 AND al.fecha_inicio = '2023-09-27';
Error report -
ORA-00955: name is already used by an existing object
00955. 00000 - "name is already used by an existing object"
*Cause:
*Action:
```

- CREATE VIEW vista_alquileres_mas_7dias AS SELECT * FROM AlquilerPLSQL WHERE fecha_fin - fecha_inicio > 7; CREATE VIEW vista_clientes_mas_alquileres AS SELECT c.nombre, COUNT(*) AS numero_alquileres FROM ClientePLSQL c JOIN AlquilerPLSQL a ON c.id_cliente = a.id_cliente GROUP BY c.nombre ORDER BY numero_alquileres DESC;

```
Error starting at line : 1 in command -
CREATE VIEW vista_clientes_mas_alquileres AS SELECT c.nombre, COUNT(*) AS numero_alquileres FROM ClientePLSQL c JOIN AlquilerPLSQL a ON c.id_cliente = a.id_cliente GROUP BY c.nombre ORDER BY numero_alquileres DESC;
Error report -
ORA-00955: name is already used by an existing object
00955. 00000 - "name is already used by an existing object"
*Cause:
*Action:
```

- CREATE VIEW vista_autos_mas_alquileres AS SELECT a.marca, a.modelo, COUNT(*) AS numero_alquileres FROM AutoPLSQL a JOIN AlquilerPLSQL al ON a.id_auto = al.id_auto GROUP BY a.marca, a.modelo ORDER BY numero_alquileres DESC; CREATE VIEW vista_sucursales_mas_alquileres AS SELECT s.nombre, COUNT(*) AS numero_alquileres FROM SucursalPLSQL s JOIN AlquilerPLSQL al ON s.id_sucursal = al.id_sucursal GROUP BY s.nombre ORDER BY numero_alquileres DESC;

```
Error starting at line : 1 in command -
CREATE VIEW vista_sucursales_mas_alquileres AS SELECT s.nombre, COUNT(*) AS numero_alquileres FROM SucursalPLSQL s JOIN AlquilerPLSQL al ON s.id_sucursal = al.id_sucursal GROUP BY s.nombre ORDER BY numero_alquileres DESC;
Error report -
ORA-00904: "AL"."ID_SUCURSAL": invalid identifier
00904. 00000 - "%s: invalid identifier"
*Cause:
*Action:
```

- CREATE VIEW vista_meses_mas_alquileres AS SELECT EXTRACT(MONTH FROM fecha_inicio) AS mes, COUNT(*) AS numero_alquileres FROM AlquilerPLSQL GROUP BY EXTRACT(MONTH FROM fecha_inicio) ORDER BY numero_alquileres DESC;

```
Error starting at line : 1 in command -
CREATE VIEW vista_meses_mas_alquileres AS SELECT EXTRACT(MONTH FROM fecha_inicio) AS mes, COUNT(*) AS numero_alquileres FROM AlquilerPLSQL GROUP BY EXTRACT(MONTH FROM fecha_inicio) ORDER BY numero_alquileres DESC;
Error report -
ORA-00955: name is already used by an existing object
00955. 00000 - "name is already used by an existing object"
*Cause:
*Action:
```

- CREATE VIEW vista_dias_semana_mas_alquileres AS SELECT EXTRACT(DAYOFWEEK FROM fecha_inicio) AS dia_semana, COUNT(*) AS numero_alquileres FROM AlquilerPLSQL GROUP BY EXTRACT(DAYOFWEEK FROM fecha_inicio) ORDER BY numero_alquileres DESC;

```
Error starting at line : 1 in command -
CREATE VIEW vista_meses_mas_alquileres AS SELECT EXTRACT(MONTH FROM fecha_inicio) AS mes, COUNT(*) AS numero_alquileres FROM AlquilerPLSQL GROUP BY EXTRACT(MONTH FROM fecha_inicio)
Error report -
ORA-00955: name is already used by an existing object
00955. 00000 - "name is already used by an existing object"
*Cause:
*Action:
```

- CREATE VIEW vista_alquileres_mas_caros AS SELECT * FROM AlquilerPLSQL ORDER BY precio DESC;

```
Error starting at line : 1 in command -
CREATE VIEW vista_alquileres_mas_caros AS SELECT * FROM AlquilerPLSQL ORDER BY precio DESC
Error report -
ORA-00904: "PRECIO": invalid identifier
00904. 00000 - "%s: invalid identifier"
*Cause:
*Action:
```

- CREATE VIEW vista_alquileres_mas_baratos AS SELECT * FROM AlquilerPLSQL ORDER BY precio ASC;

```
Error starting at line : 1 in command -
CREATE VIEW vista_alquileres_mas_baratos AS SELECT * FROM AlquilerPLSQL ORDER BY precio ASC
Error report -
ORA-00904: "PRECIO": invalid identifier
00904. 00000 - "%s: invalid identifier"
*Cause:
*Action:
```

- CREATE TRIGGER trg_insert_auto
BEFORE INSERT ON AutoPLSQL
FOR EACH ROW
BEGIN
 -- Actualizar el número de autos disponibles
 UPDATE AutoPLSQL
 SET numero_disponibles = numero_disponibles + 1
 WHERE id_auto = NEW.id_auto; END;

```
3/3      PL/SQL: SQL Statement ignored
5/19     PL/SQL: ORA-00904: "NEW".
Errors: check compiler log
```

```
Messages - Log
```

```
TRG_INSERT_AUTO10231 Compiled
```

- CREATE TRIGGER trg_delete_auto
BEFORE DELETE ON AutoPLSQL
FOR EACH ROW
BEGIN
 -- Actualizar el número de autos disponibles
 UPDATE AutoPLSQL
 SET numero_disponibles = numero_disponibles - 1
 WHERE id_auto = OLD.id_auto;
END;

```
3/3      PL/SQL: SQL Statement ignored
5/19     PL/SQL: ORA-00904: "OLD"."ID_AUTO";
Errors: check compiler log
```

- CREATE TRIGGER trg_update_auto1001092015
BEFORE UPDATE ON AutoPLSQL
FOR EACH ROW
BEGIN

```

-- Actualizar el número de autos disponibles
IF NEW.numero_disponibles != OLD.numero_disponibles THEN
UPDATE AutoPLSQL
SET numero_disponibles = NEW.numero_disponibles
WHERE id_auto = NEW.id_auto;
END IF;
END;

```

Trigger TRG_UPDATE_AUTO1001092015 compiled

- CREATE TRIGGER trg_insert_cliente1001092015
BEFORE INSERT ON ClientePLSQL
FOR EACH ROW
BEGIN
-- Actualizar el número de clientes
UPDATE ClientePLSQL
SET numero_clientes = numero_clientes + 1;
END;

Trigger TRG_INSERT_CLIENTE1001092015 compiled

- CREATE TRIGGER trg_delete_cliente1001092015
BEFORE DELETE ON ClientePLSQL
FOR EACH ROW
BEGIN
-- Actualizar el número de clientes
UPDATE ClientePLSQL
SET numero_clientes = numero_clientes - 1;
END;

Trigger TRG_DELETE_CLIENTE1001092015 compiled

- CREATE TRIGGER trg_update_cliente1001092015
BEFORE UPDATE ON ClientePLSQL
FOR EACH ROW
BEGIN
-- Actualizar el número de clientes
IF NEW.numero_alquileres != OLD.numero_alquileres THEN
UPDATE ClientePLSQL
SET numero_alquileres = NEW.numero_alquileres
WHERE id_cliente = NEW.id_cliente;
END IF;
END;

Trigger TRG_UPDATE_CLIENTE1001092015 compiled

- CREATE PROCEDURE proc_calcular_precio_alquiler1001092015
(
IN id_alquiler INT,
IN id_auto INT,
IN fecha_inicio DATE,
IN fecha_fin DATE)
AS
BEGIN
-- Calcular el precio del alquiler
DECLARE
precio_base NUMERIC(10, 2);

```

    dias_alquiler INT;
BEGIN
    precio_base := (SELECT precio FROM AutoPLSQL WHERE id_auto = id_auto);
    dias_alquiler := (fecha_fin - fecha_inicio) + 1;
    SET NEW.precio = precio_base * dias_alquiler;
END;
END;

```

Procedure PROC_CALCULAR_PRECIO_ALQUILER1001092015 compiled

- CREATE PROCEDURE proc_listar_alquileres_cliente1001092015
 (
 IN id_cliente INT
)
 AS
 BEGIN
 -- Listar los alquileres del cliente
 SELECT *
 FROM AlquilerPLSQL
 WHERE id_cliente = id_cliente;
 END;

Procedure PROC_LISTAR_ALQUILERES_CLIENTE1001092015 compiled

- CREATE PROCEDURE proc_listar_autos_sucursal1001092015
 (
 IN id_sucursal INT
)
 AS
 BEGIN
 -- Listar los autos de la sucursal
 SELECT *
 FROM AutoPLSQL
 WHERE id_sucursal = id_sucursal;
 END;

Procedure PROC_LISTAR_AUTOS_SUCURSAL1001092015 compiled

- CREATE PROCEDURE proc_agregar_auto1001092015
 (
 IN marca VARCHAR(255),
 IN modelo VARCHAR(255),
 IN ano INT,
 IN numero_disponibles INT
)
 AS
 BEGIN
 -- Insertar un nuevo auto
 INSERT INTO AutoPLSQL (marca, modelo, ano, numero_disponibles)
 VALUES (marca, modelo, ano, numero_disponibles);
 END;

Procedure PROC_AGREGAR_AUT01001092015 compiled

- CREATE PROCEDURE proc_eliminar_auto1001092015
(
 IN id_auto INT
)
AS
BEGIN
 -- Eliminar un auto
 DELETE FROM AutoPLSQL
 WHERE id_auto = id_auto;
END;

Procedure PROC_AGREGAR_AUT01001092015 compiled