

Pair Programming  
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# LABORATORIO 28

# **TRIGGERS**

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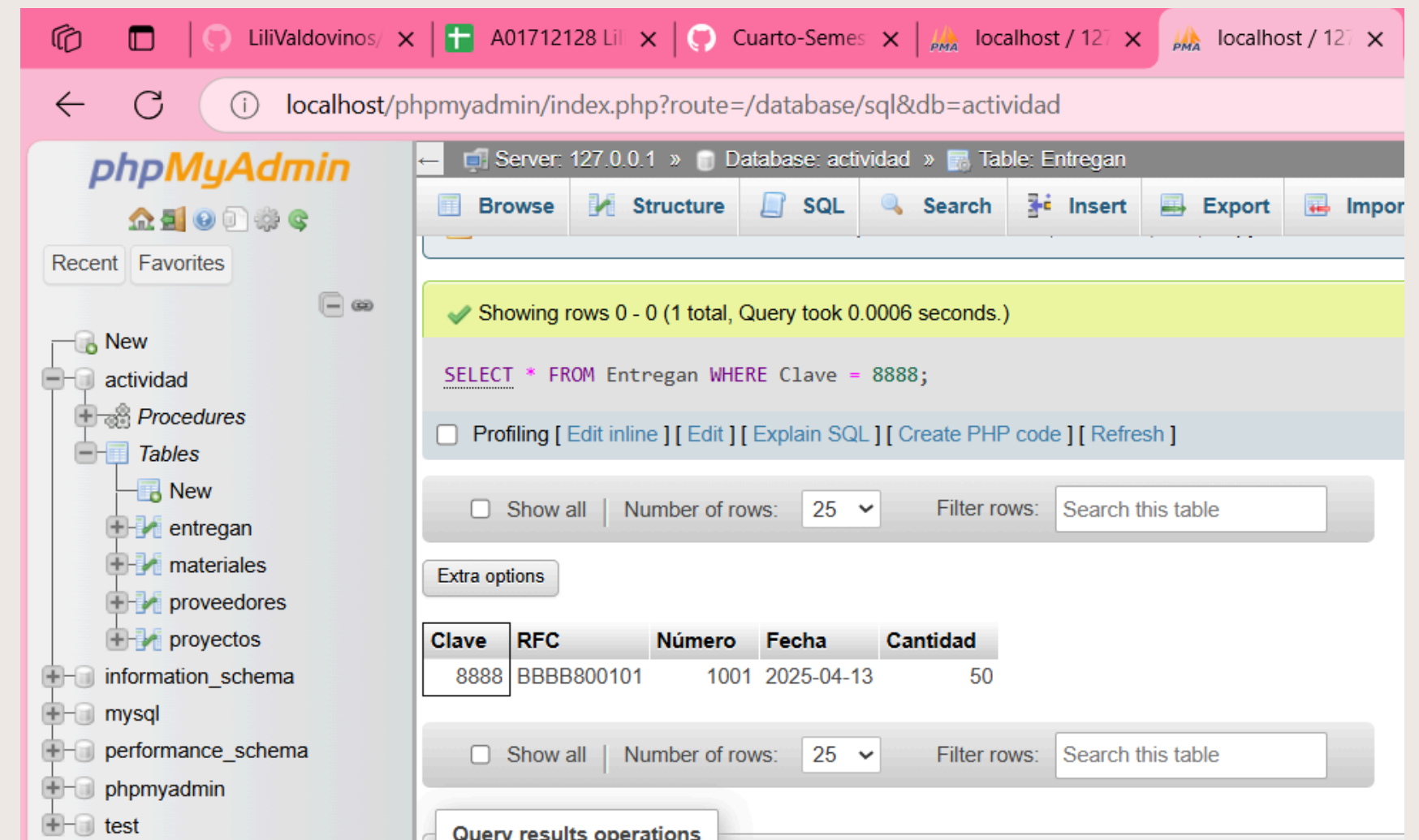
ASIGNAR AUTOMÁTICAMENTE LA FECHA DE ENTREGA SI  
NO SE PROPORCIONA

# TRIGGER 1

DELIMITER //

```
CREATE TRIGGER tr_asigna_fecha_default  
BEFORE INSERT ON Entregan  
FOR EACH ROW  
BEGIN  
    -- Si la fecha viene NULL, se asigna la fecha actual  
    IF NEW.Fecha IS NULL THEN  
        SET NEW.Fecha = CURDATE();  
    END IF;  
END;  
//
```

DELIMITER ;



The screenshot shows the phpMyAdmin web interface. The browser address bar indicates the URL: localhost/phpmyadmin/index.php?route=/database/sql&db=actividad. The interface shows the 'actividad' database selected, with the 'Entregan' table chosen. A query has been executed: `SELECT * FROM Entregan WHERE Clave = 8888;`. The result shows one row with the following data:

Clave	RFC	Número	Fecha	Cantidad
8888	BBBB800101	1001	2025-04-13	50

The interface also shows a sidebar with a tree view of the database structure, including 'New', 'actividad', 'Procedures', 'Tables', and 'New' (containing 'entregan', 'materiales', 'proveedores', 'proyectos'). The 'Entregan' table is currently selected.

LIMITAR ENTREGAS DE CANTIDADES MAYORES A  
10,000

# TRIGGER 2

DELIMITER //

```
CREATE TRIGGER tr_limita_cantidad  
BEFORE INSERT ON Entregan  
FOR EACH ROW  
BEGIN
```

```
    IF NEW.Cantidad > 10000 THEN
```

```
        SIGNAL SQLSTATE '45000'
```

```
        SET MESSAGE_TEXT = 'Error: No se puede entregar una  
cantidad mayor a 10,000.';
```

```
    END IF;
```

```
END;
```

```
//
```

DELIMITER ;

