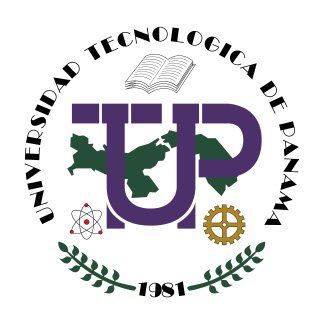
**Universidad Tecnológica de Panamá**

**Facultad de Ingeniería de Sistemas Computacionales**

**Licenciatura en Ingeniería de Sistemas de Información**

**Departamento de Sistemas de Información**

Sistemas de Bases de Datos II

Equipo #1

Laboratorio #3: “Modelado de base de datos (Implementación)”

Facilitador:

Ing. Henry Lezcano

Integrantes grupo 2:

Karen Cabrera 20-14-5403

Medardo Logreira 8-879-1679

Sebastian Zamora 20-15-4392

Georlenys Martinez 8-926-2256

Grupo:

1IF131

II Semestre, 2020

**UNIVERSIDAD TECNOLOGICA DE PANAMA**

**FACULTAD DE INGENIERIA DE SISTEMAS COMPUTACIONALES**

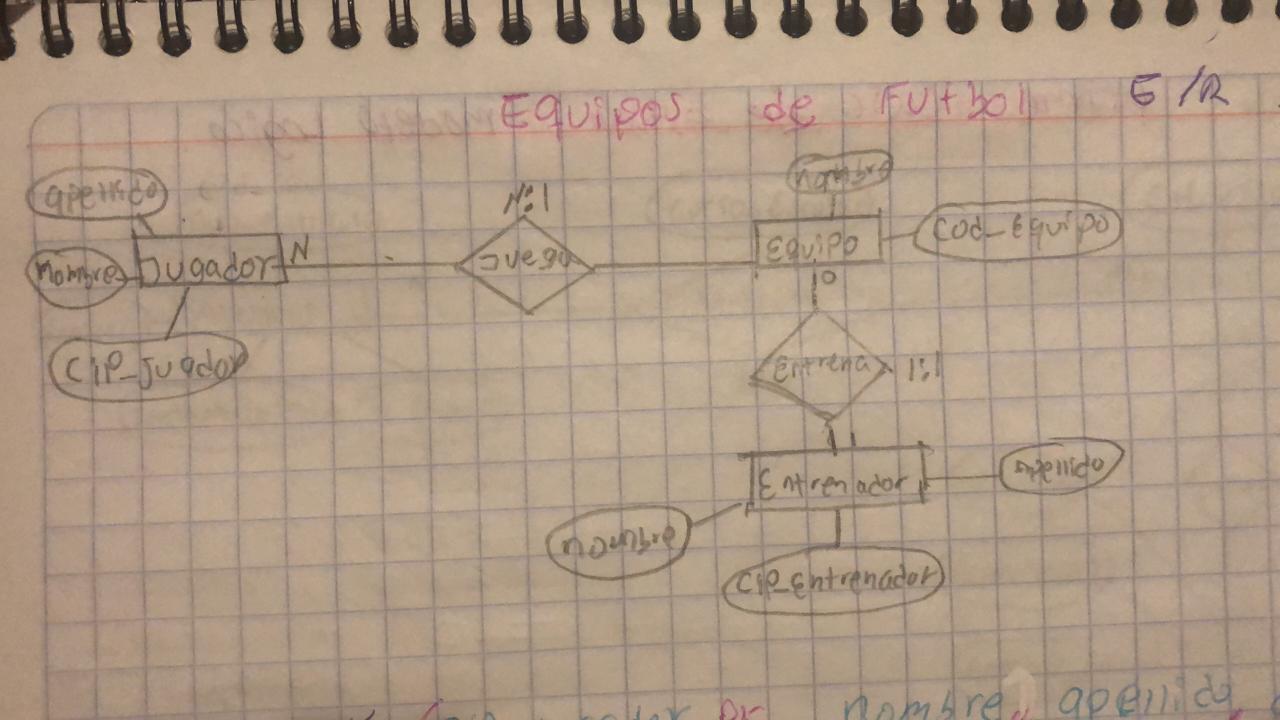
**LICENCIATURA EN INGENIERIA DE SISTEMAS DE INFORMACION**

**SISTEMAS DE BASES DE DATOS II**

**MODELADO DE BASE DE DATOS (IMPLEMENTACION)**

1. **Primer caso de estudio**

**1.1 MODELO E/R**

****

**1.2 MODELO LOGICO**

|  |  |  |
| --- | --- | --- |
| Jugador | | |
| PK | cip\_Jugador | N |
|  | nombre | N |
|  | apellido | N |
| Fk | cod\_equipo | N |

(N,1)

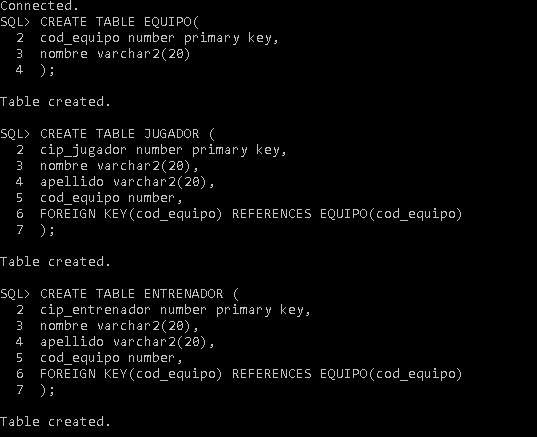
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| --- | --- | --- |
| Equipo | | |
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|  | nombre | N |

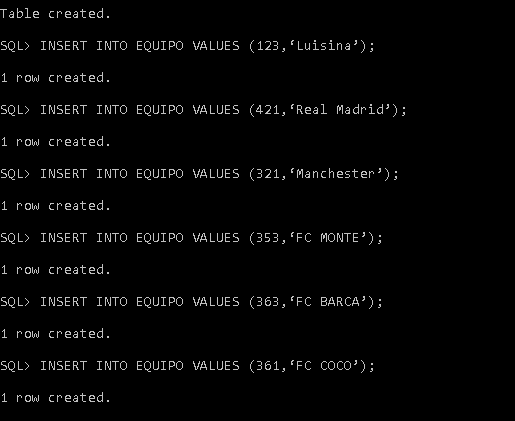
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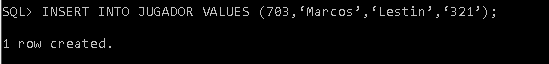
|  |  |  |
| --- | --- | --- |
| Entrenador | | |
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|  | nombre | N |
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| FK | cod\_equipo | N |

**1.3.1 MODELO FISICO**

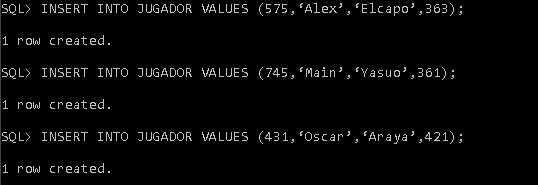
* Creación de tablas

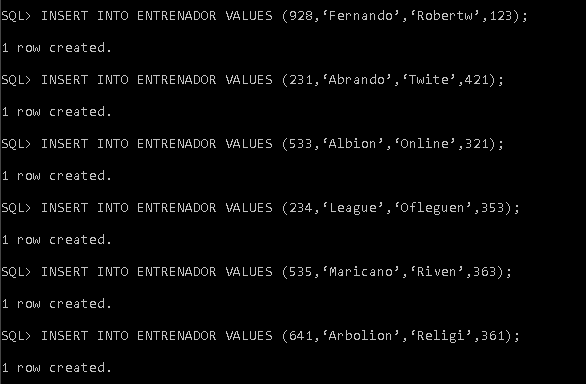




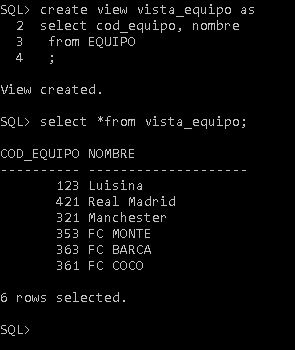


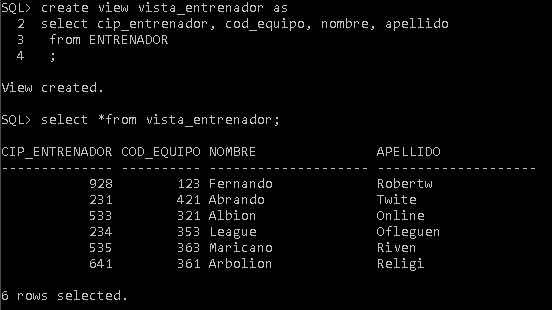


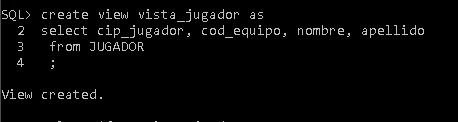


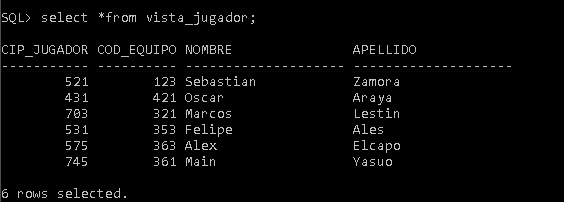


* + 1. **Creación de vistas**



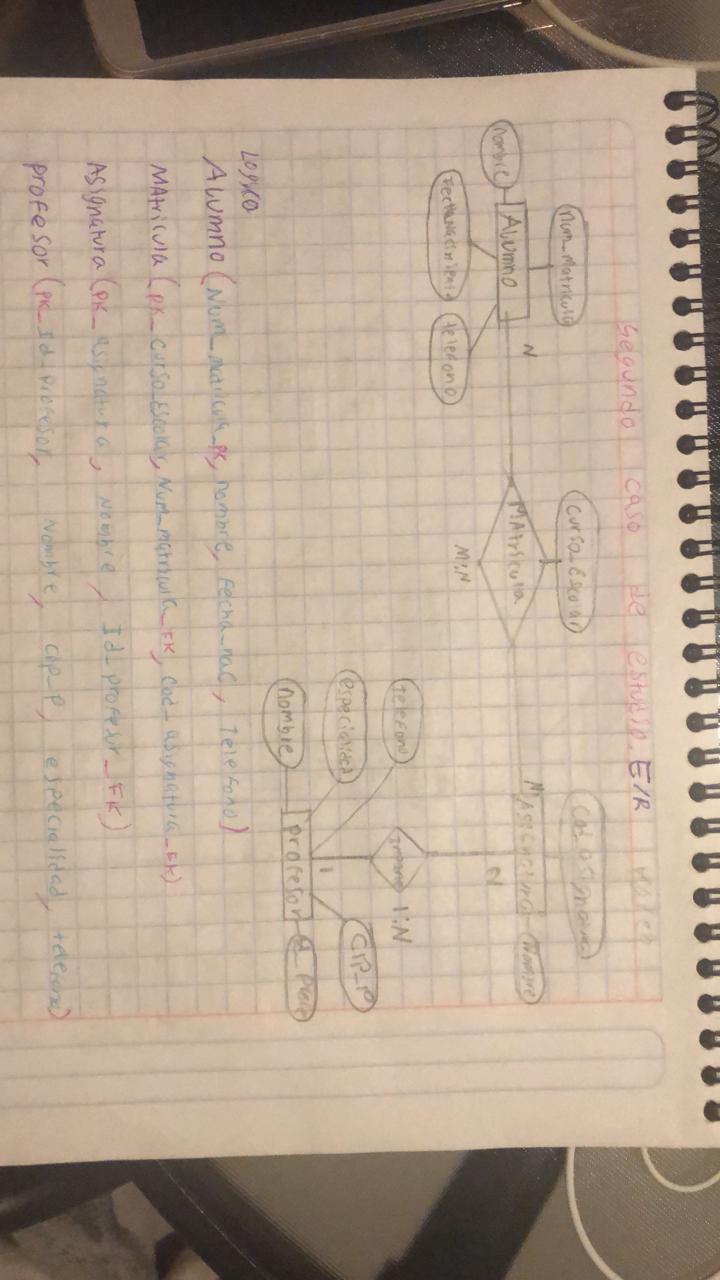




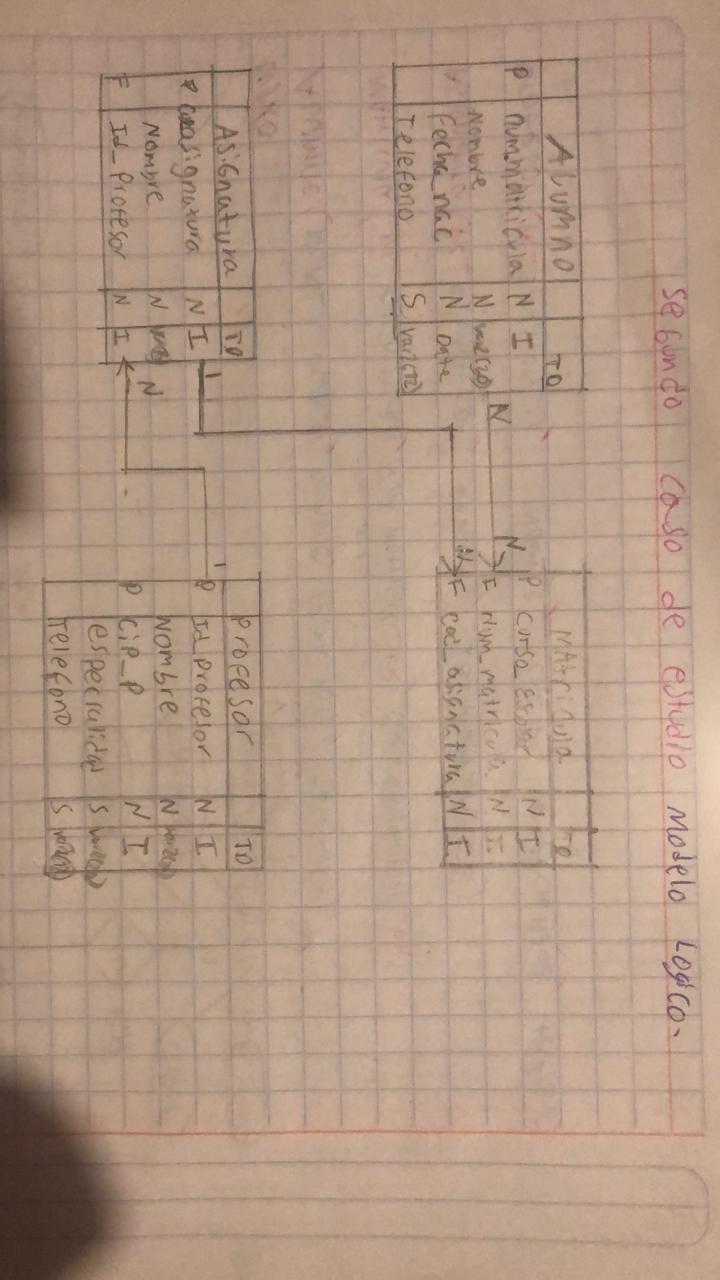


1. **UNIVERSIDAD**

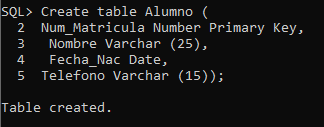
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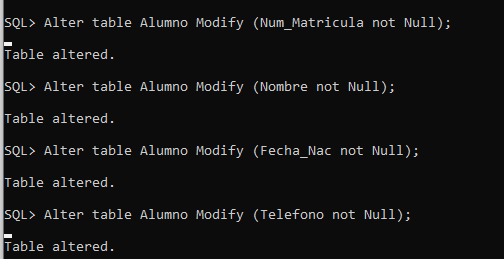
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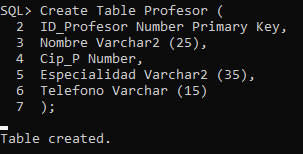
**2.2 MODELO LOGICO**

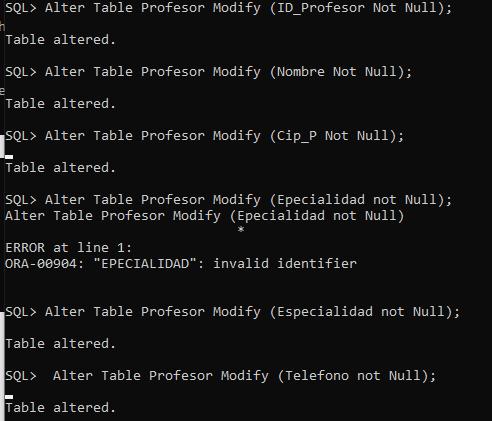
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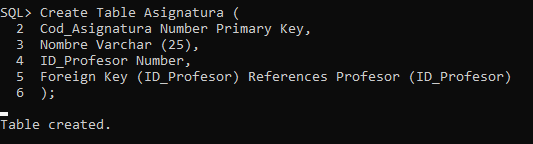
* + 1. **MODELO FISICO**

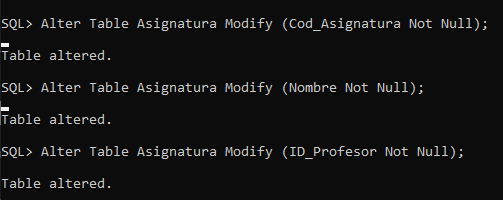


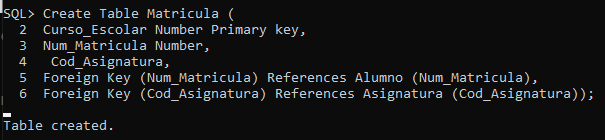


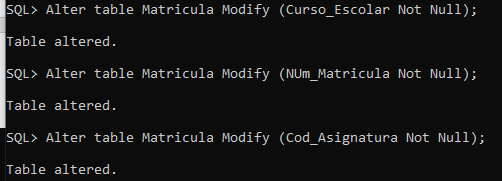




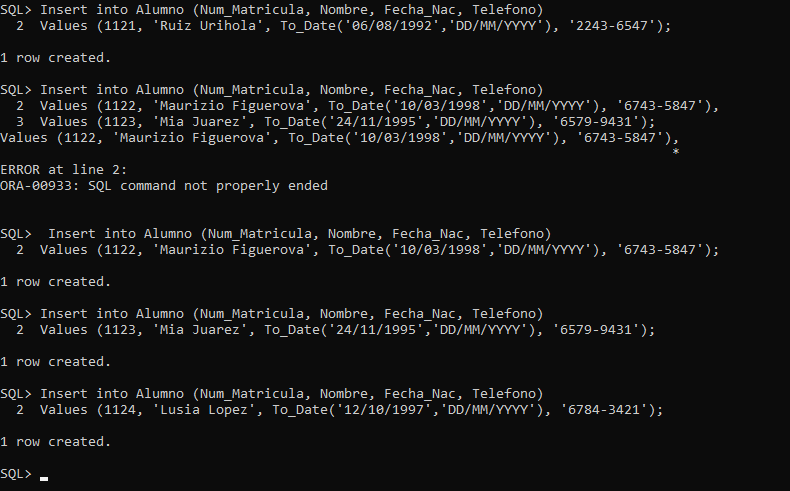




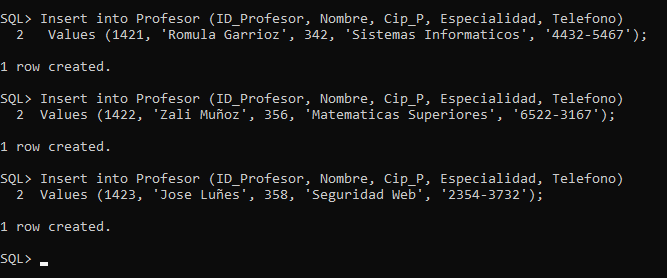




**--Datos tabla Alumno--**



**--Datos Tabla Profesor—**



**-- Datos Tabla asignatura—**

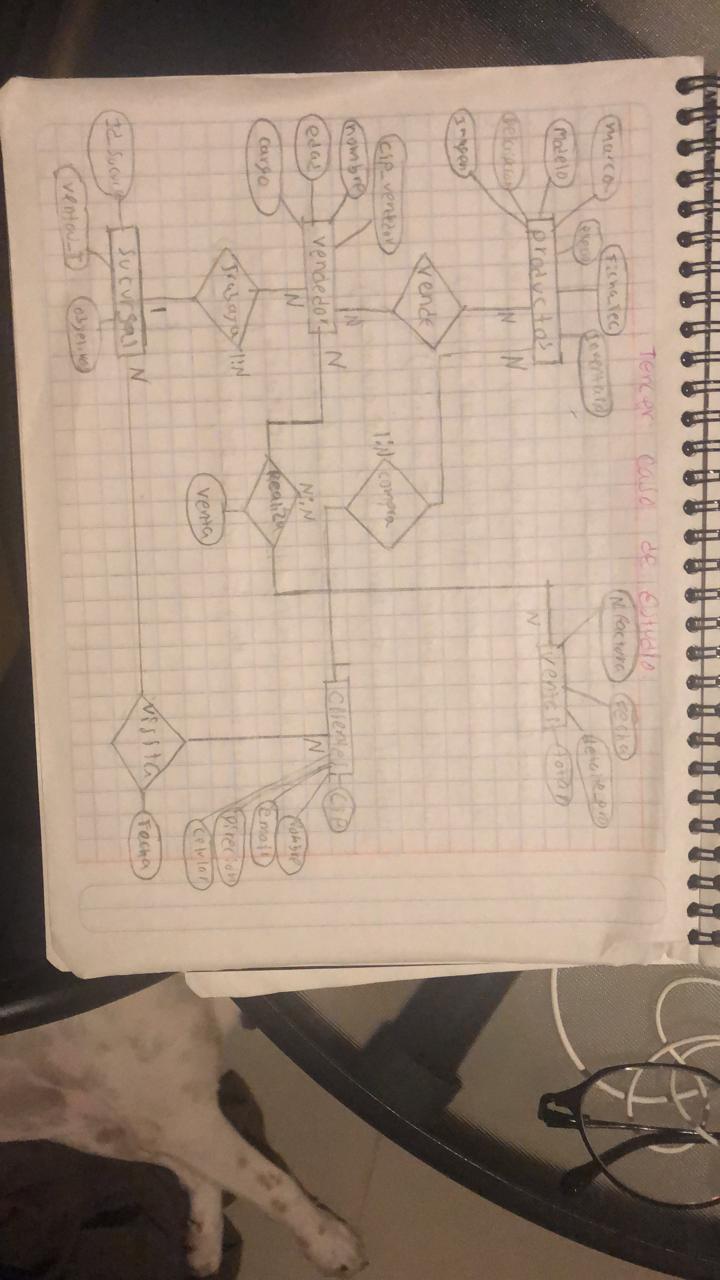


**-- Datos Tabla Matricula-**

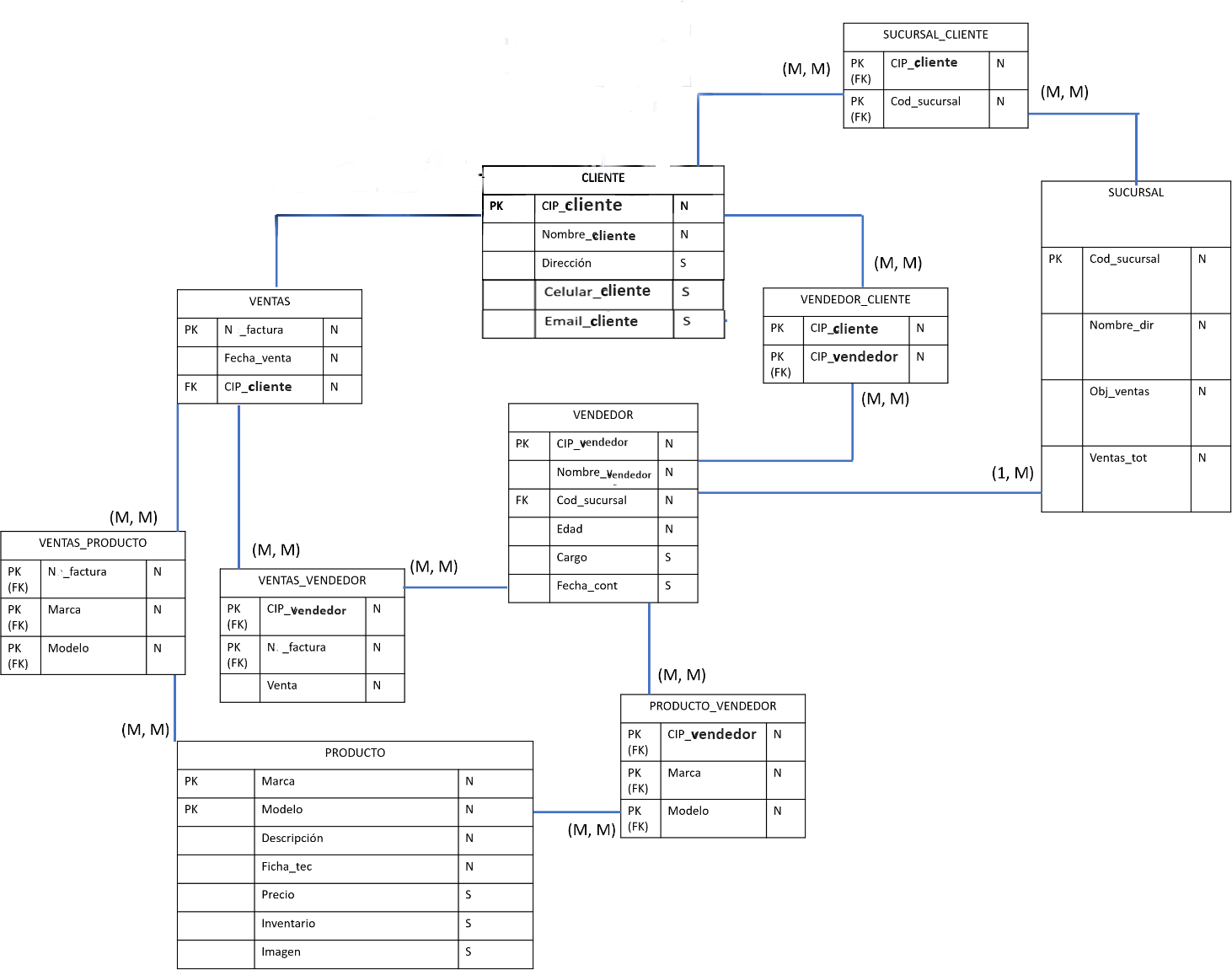


**3.VENTAS**

**3.1 MODELO E/R**

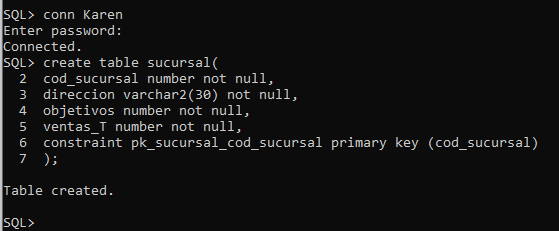
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**3.2 MODELO LOGICO**

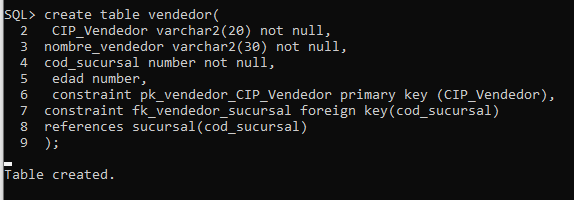
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**3.3.1 MODELO FISICO**

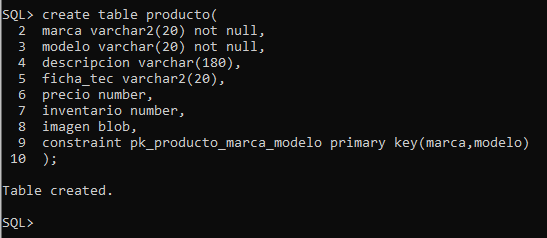
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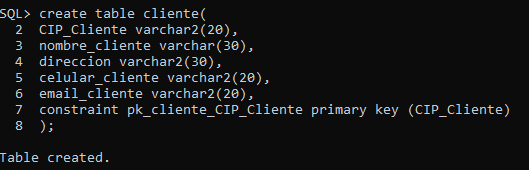
**-- Tabla vendedor—**



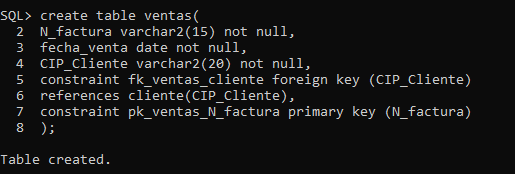
**--Tabla producto—**



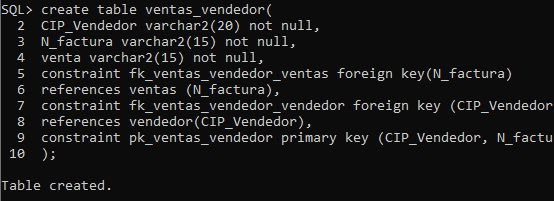
* **-- Tabla cliente –**



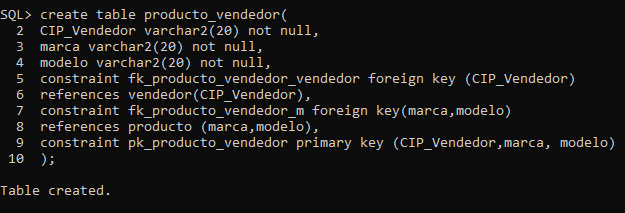
**--Tabla Ventas--**

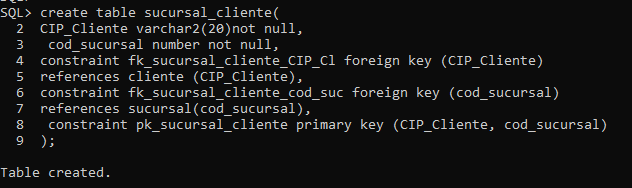


**--Tabla ventas\_vendedor--**

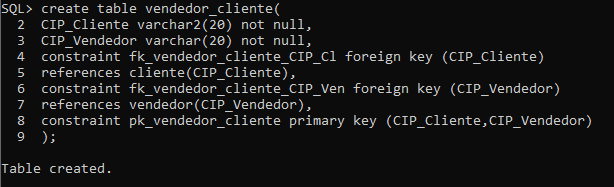


**--TABLA PRODUCTO VENDEDOR--**



* **Tabla sucursal cliente—**
* 

**--tabla vendedor cliente—**



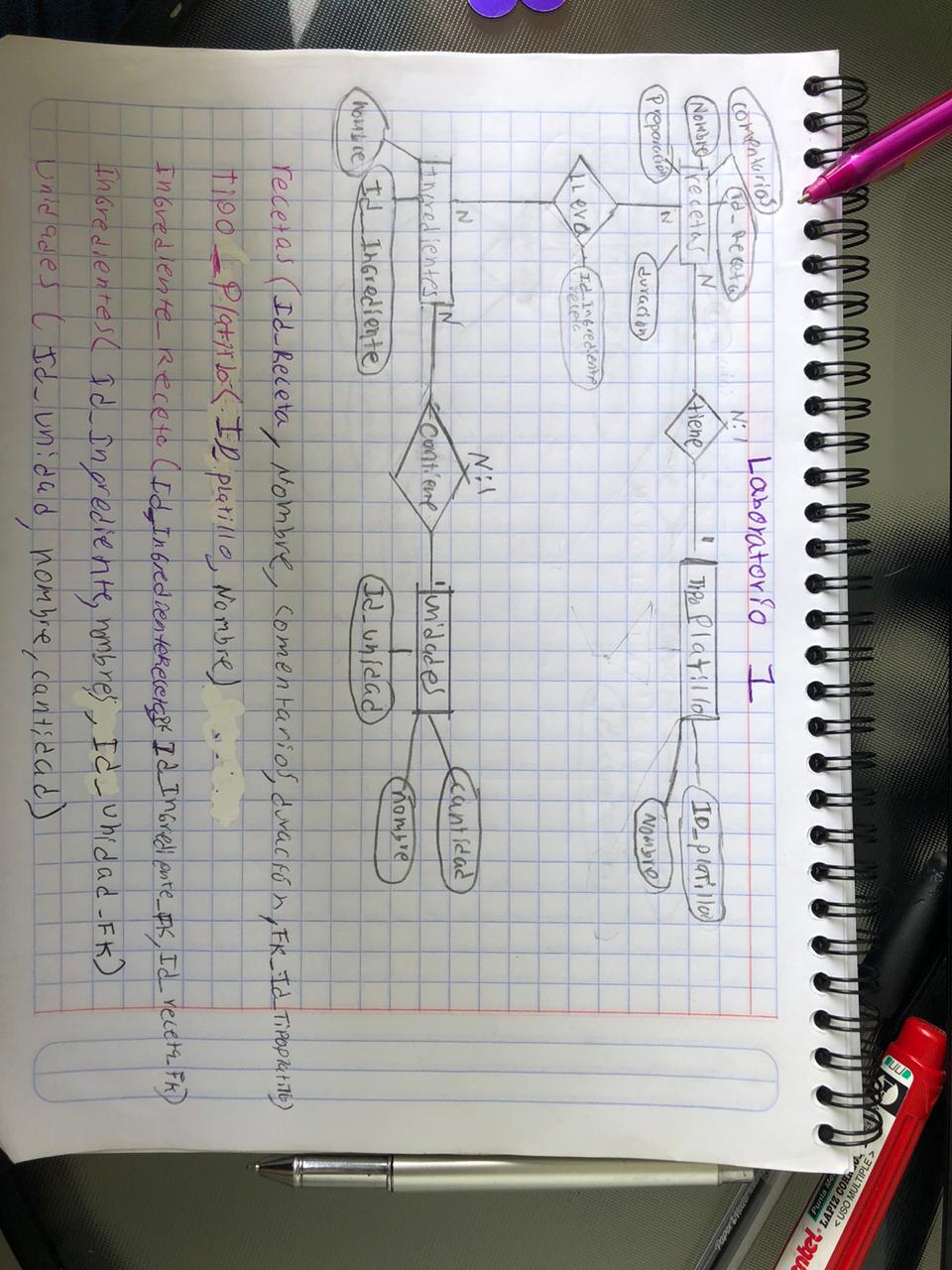
**Table venta product--**



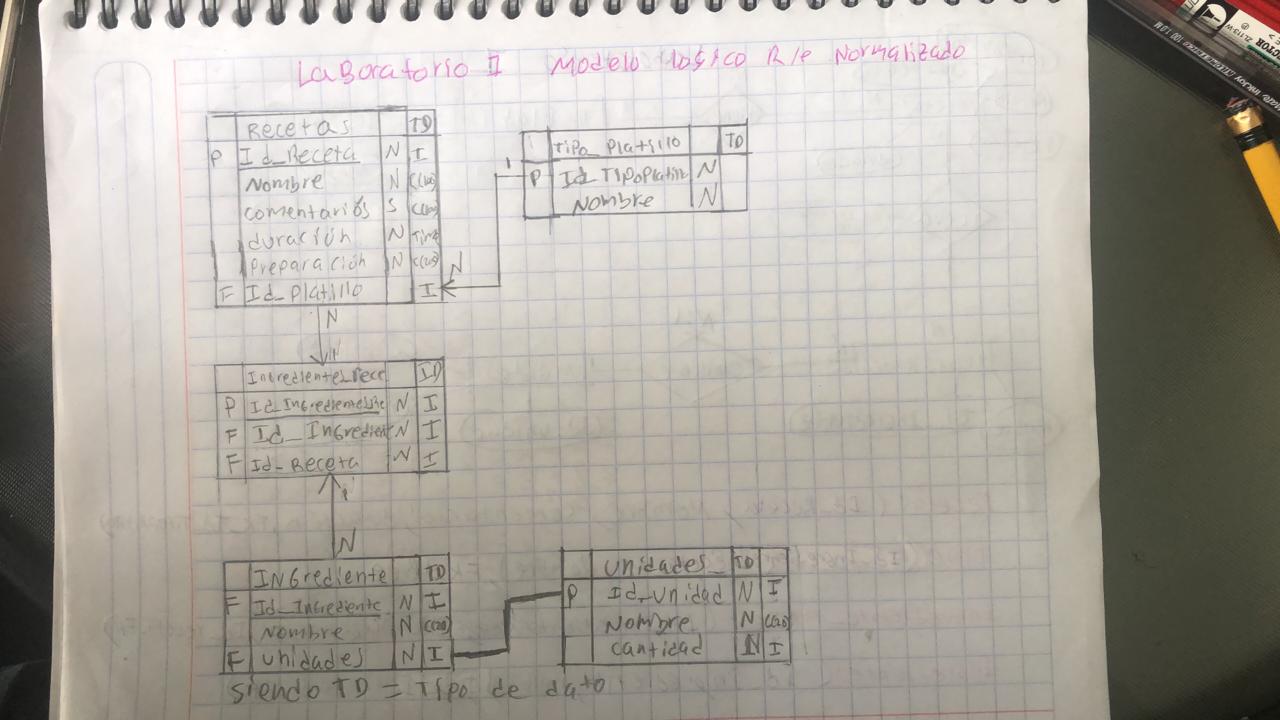
**3.3.2 VISTAS**

**4. CAFETERIA (LAB 1)**

**4.1 MODELO E/R**

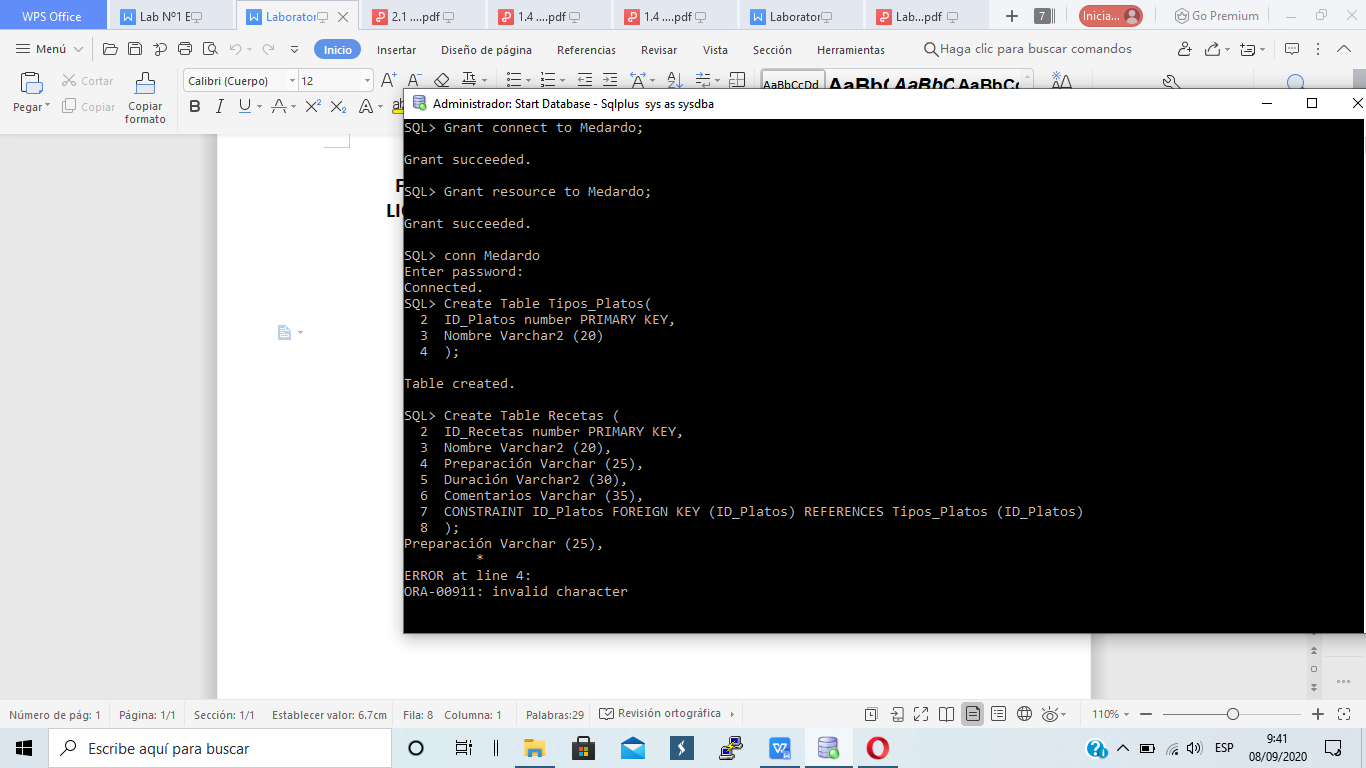
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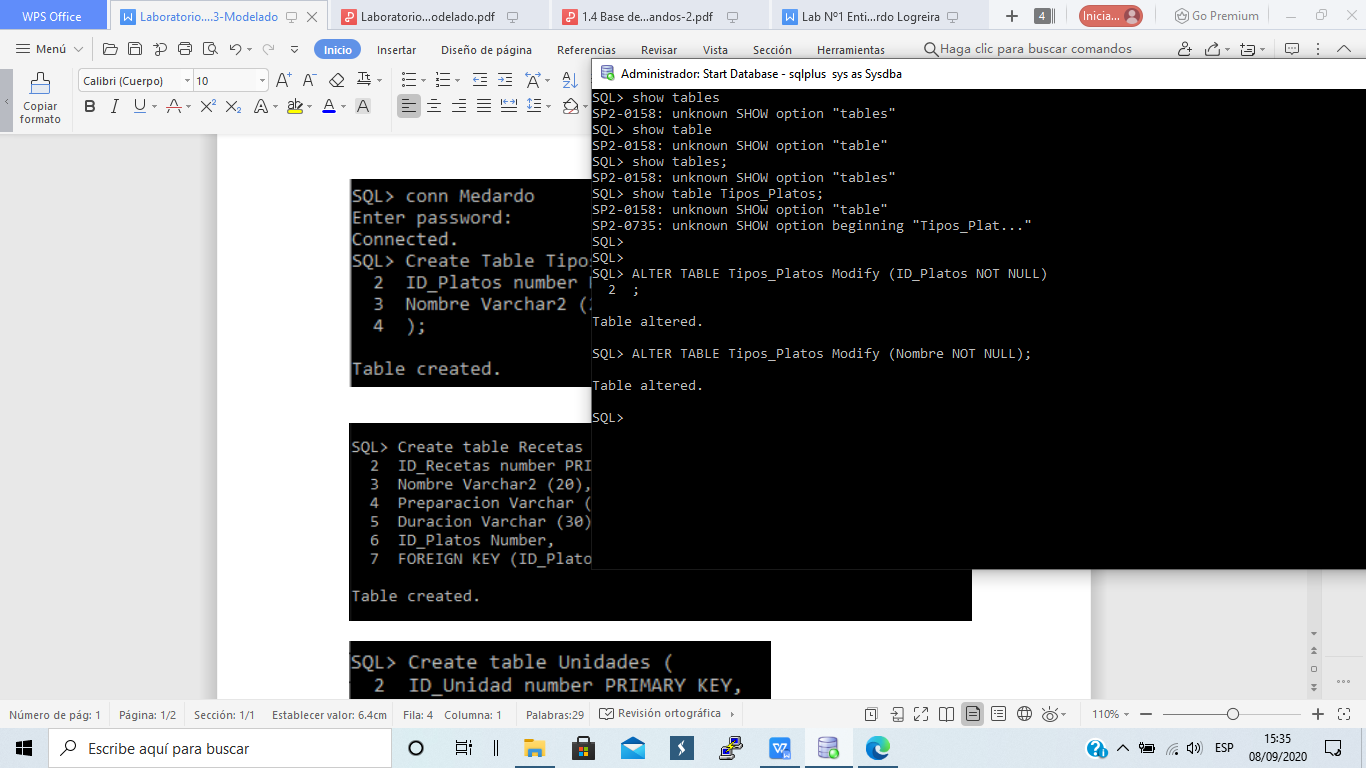
**4.2 MODELO LOGICO**

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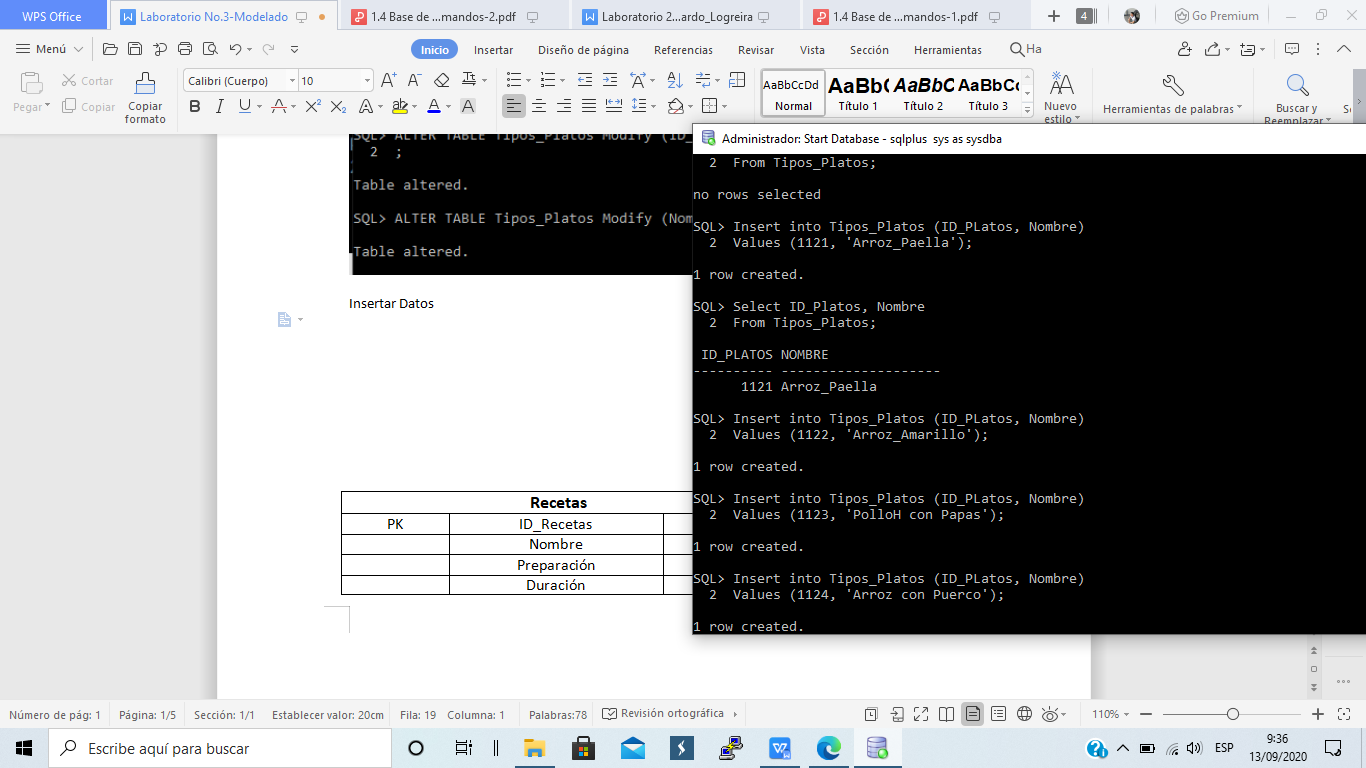
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| --- | --- | --- |
| **Tipos\_Platos** | | |
| PK | ID\_Platos | N |
|  | Nombre | N |

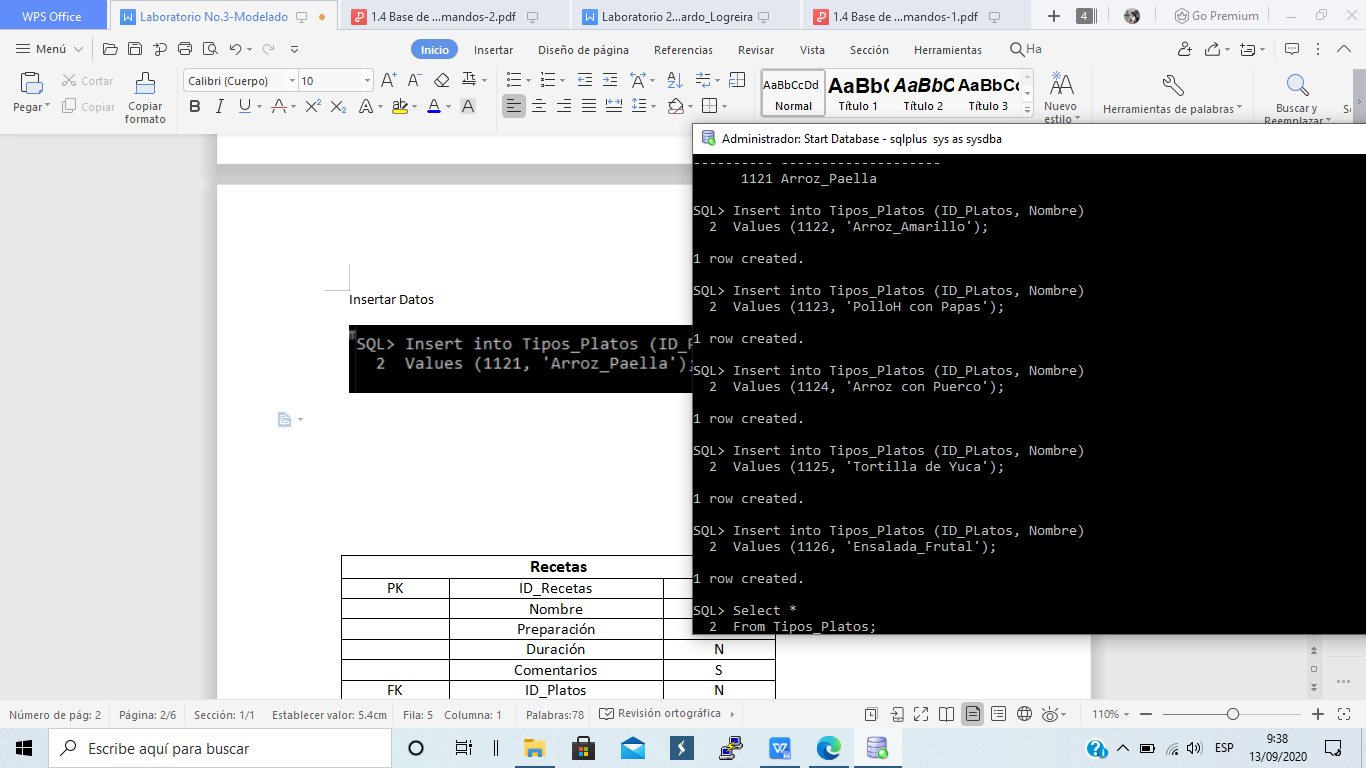
**4.3.1 MODELO FISICO**

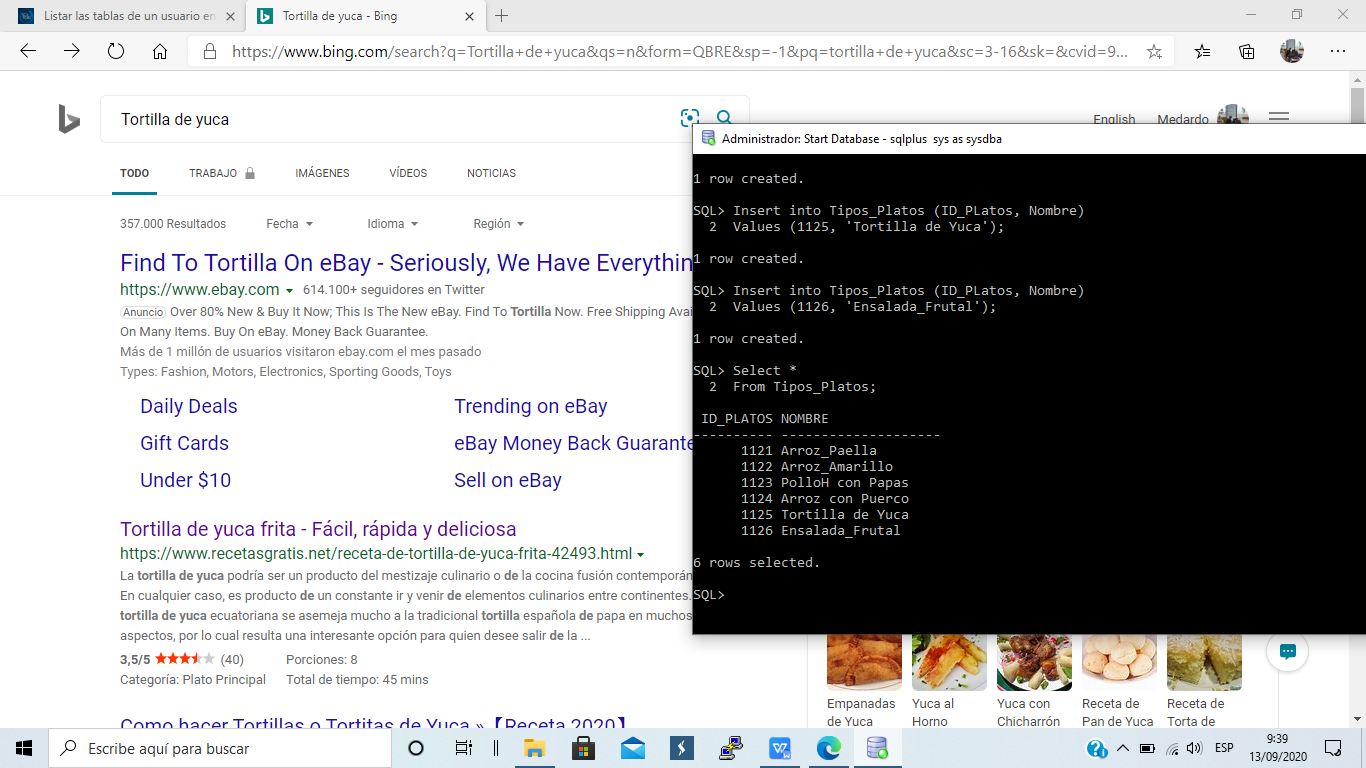




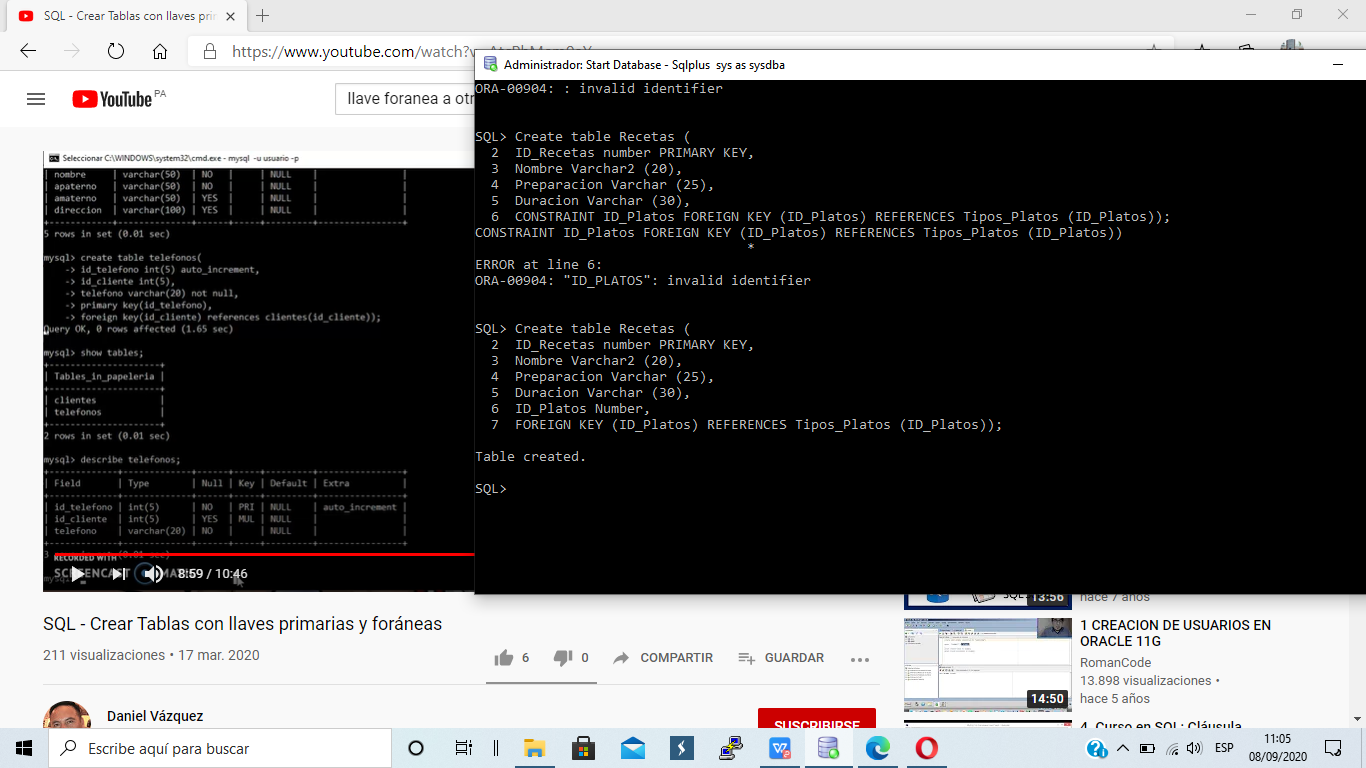
Insertar Datos

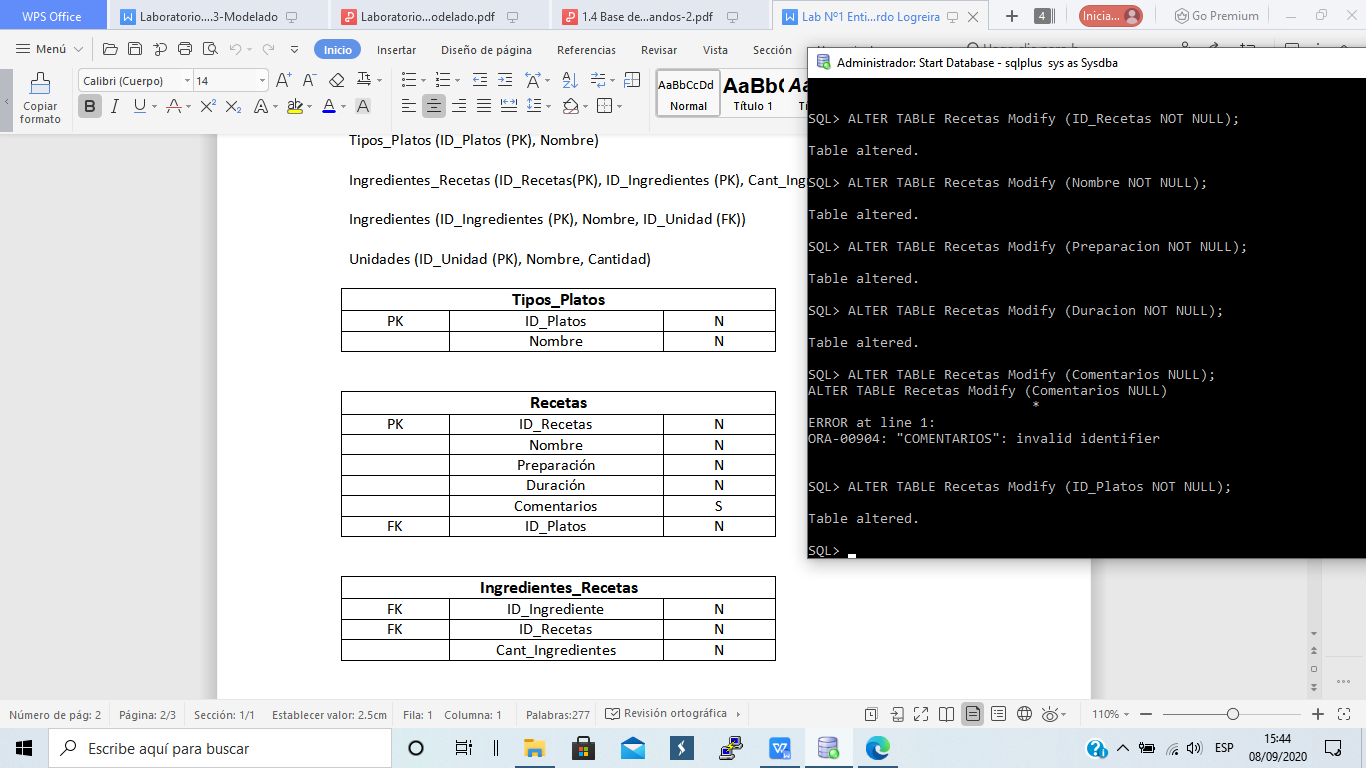




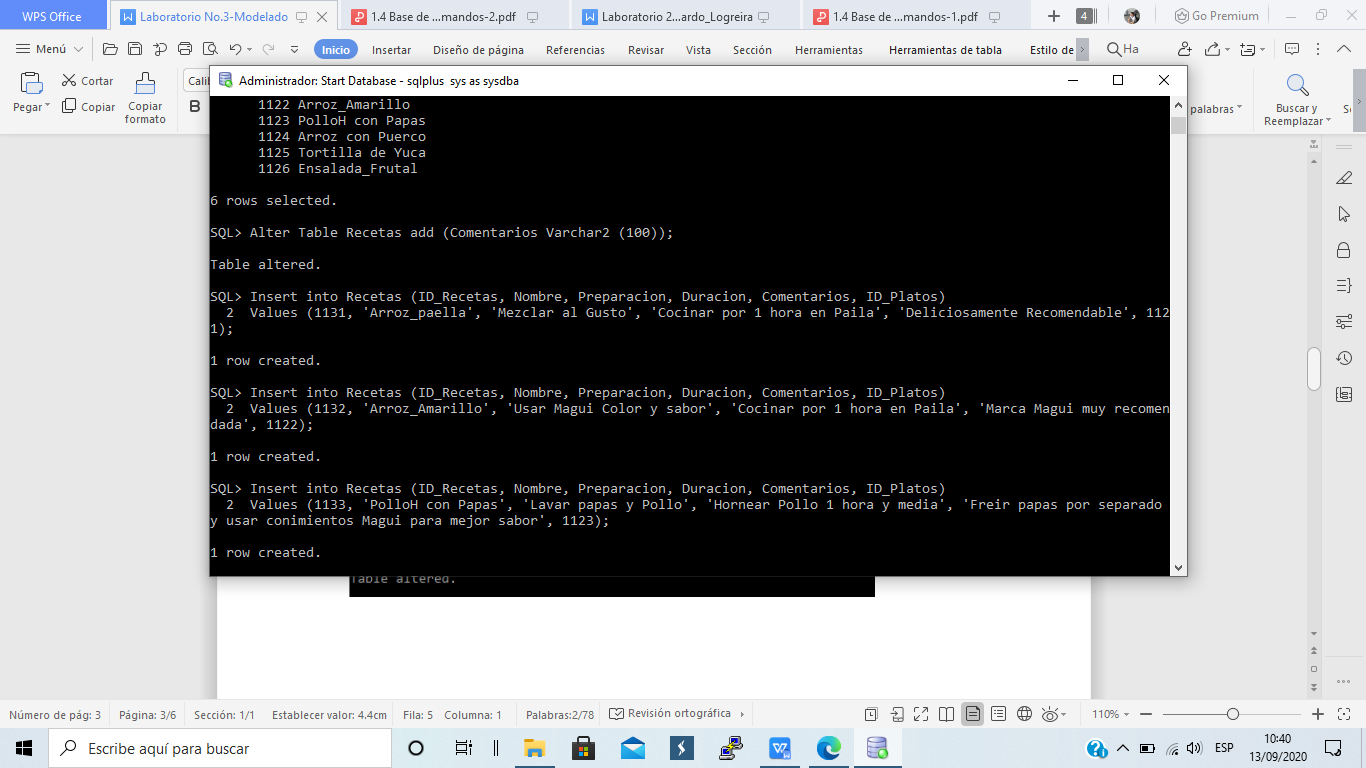


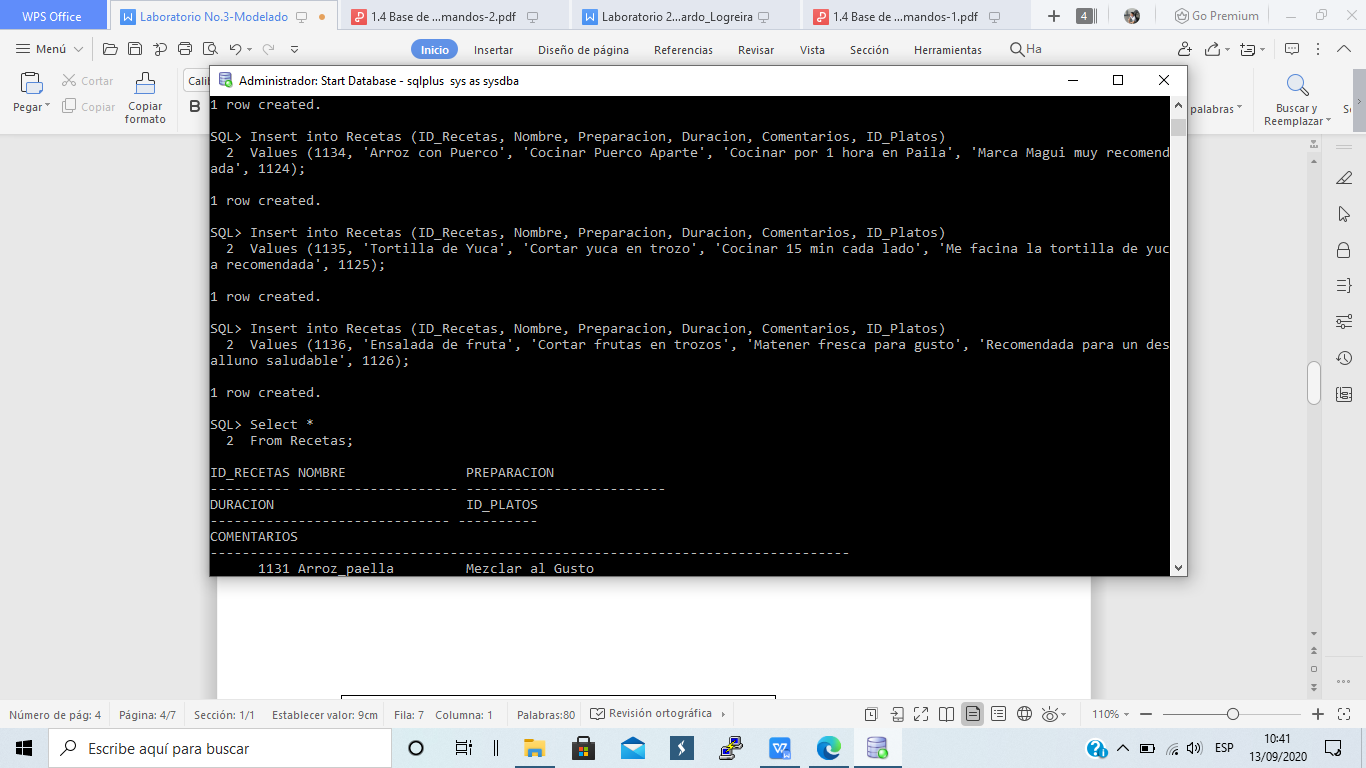
|  |  |  |
| --- | --- | --- |
| **Recetas** | | |
| PK | ID\_Recetas | N |
|  | Nombre | N |
|  | Preparación | N |
|  | Duración | N |
|  | Comentarios | S |
| FK | ID\_Platos | N |

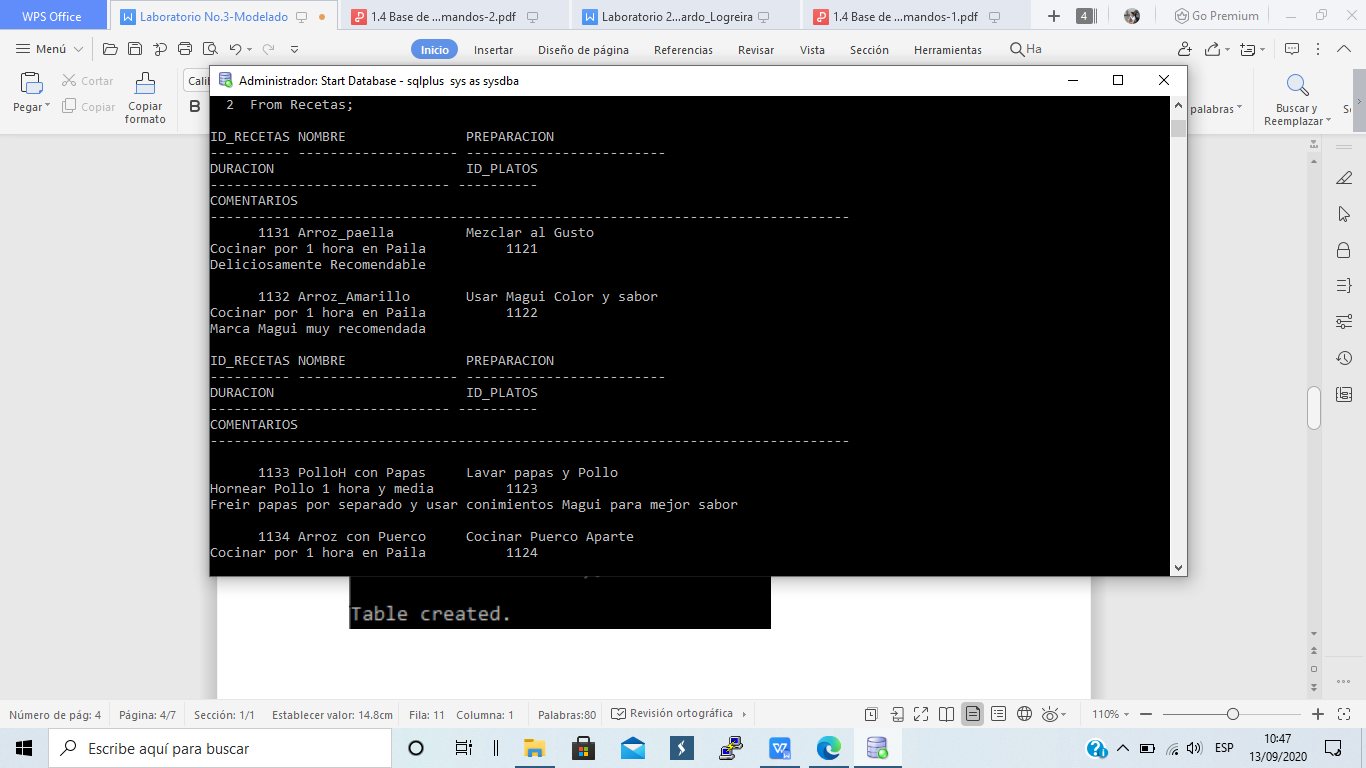


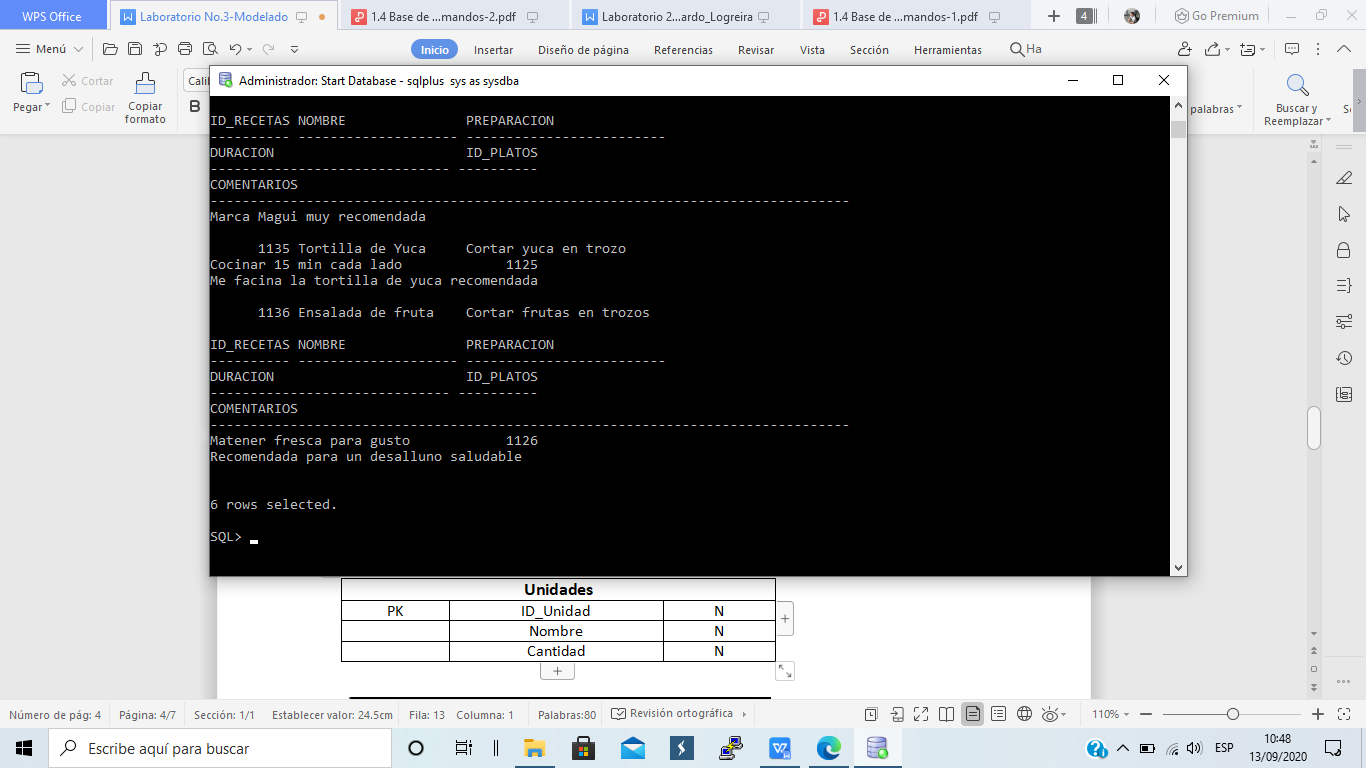


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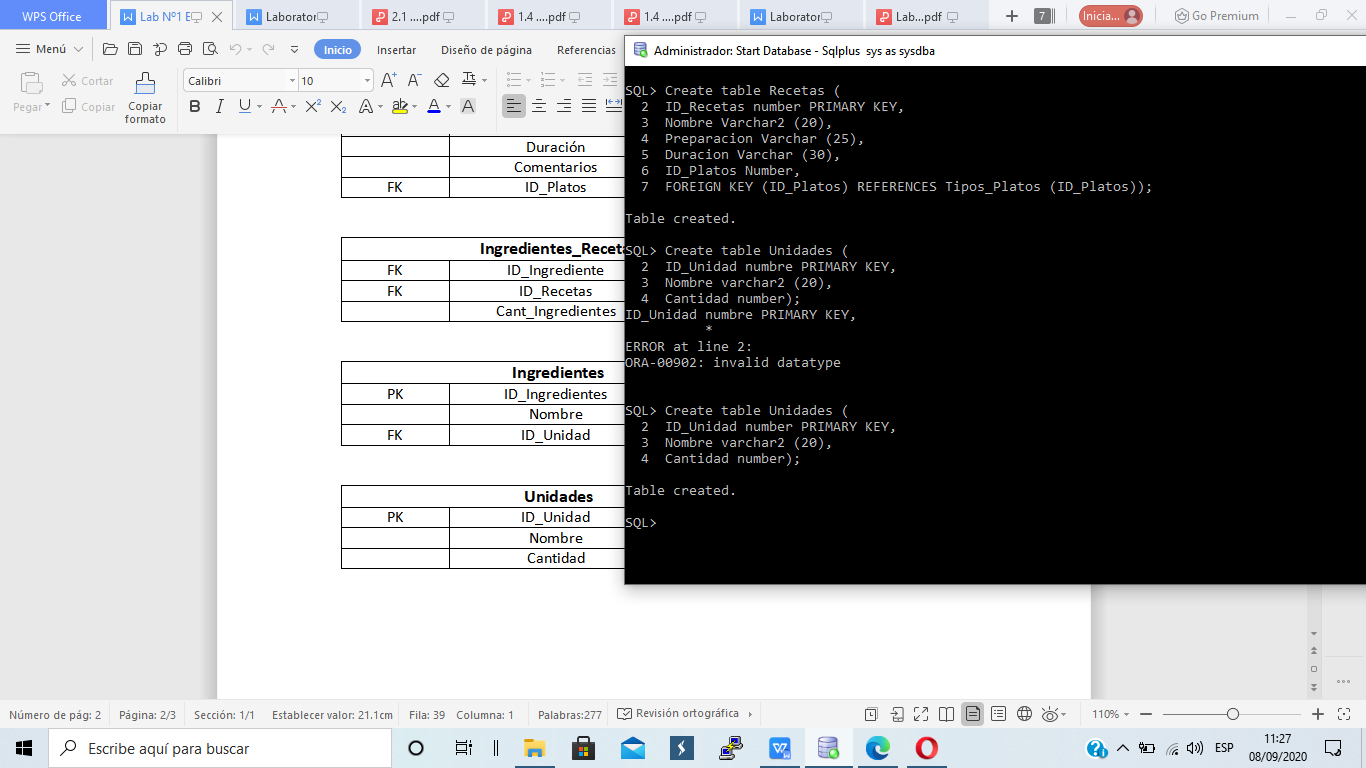


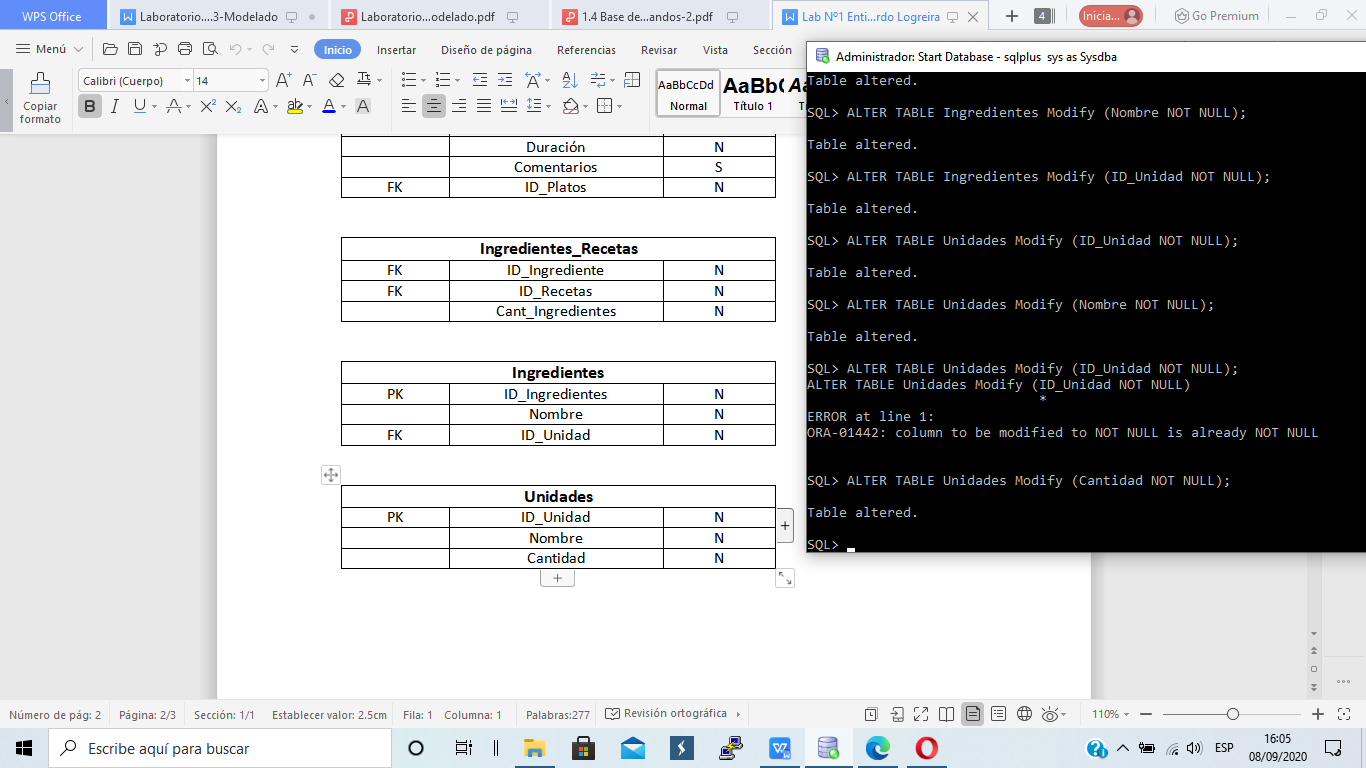




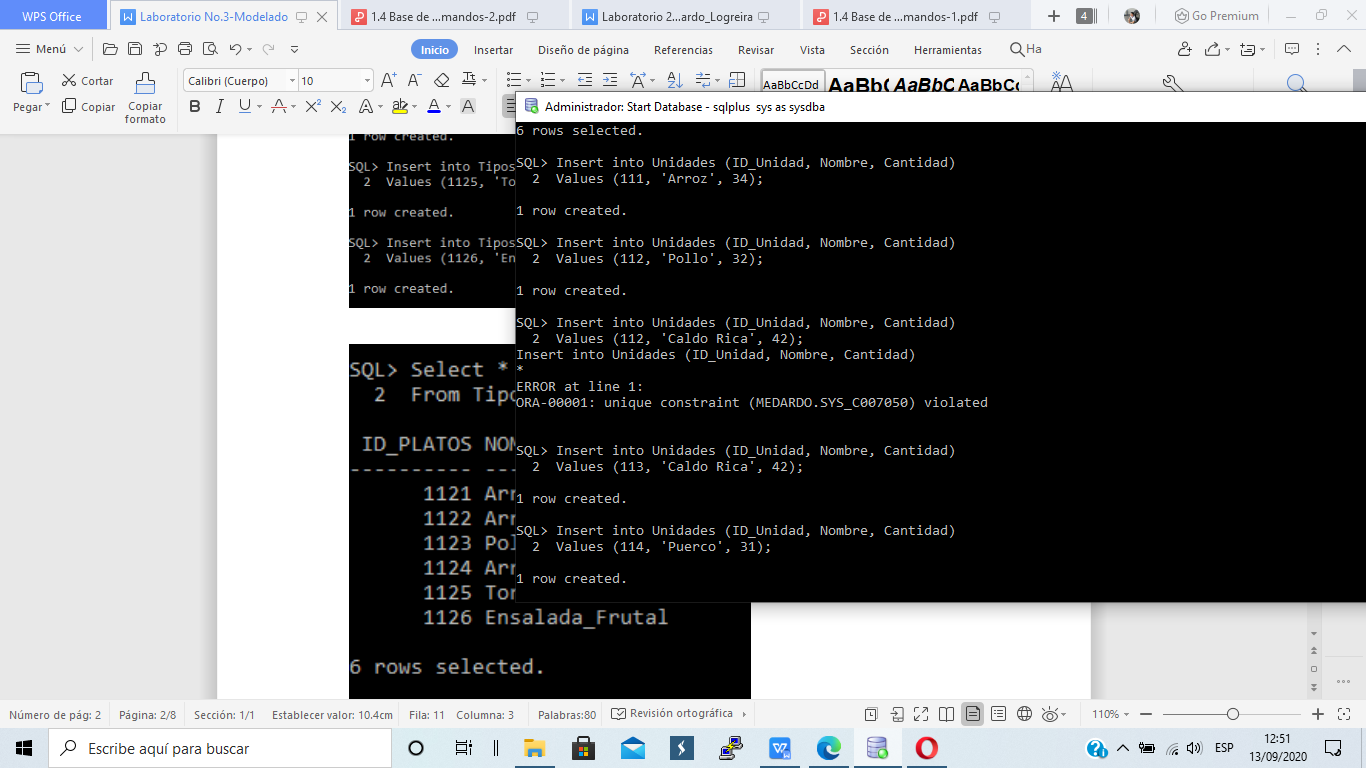


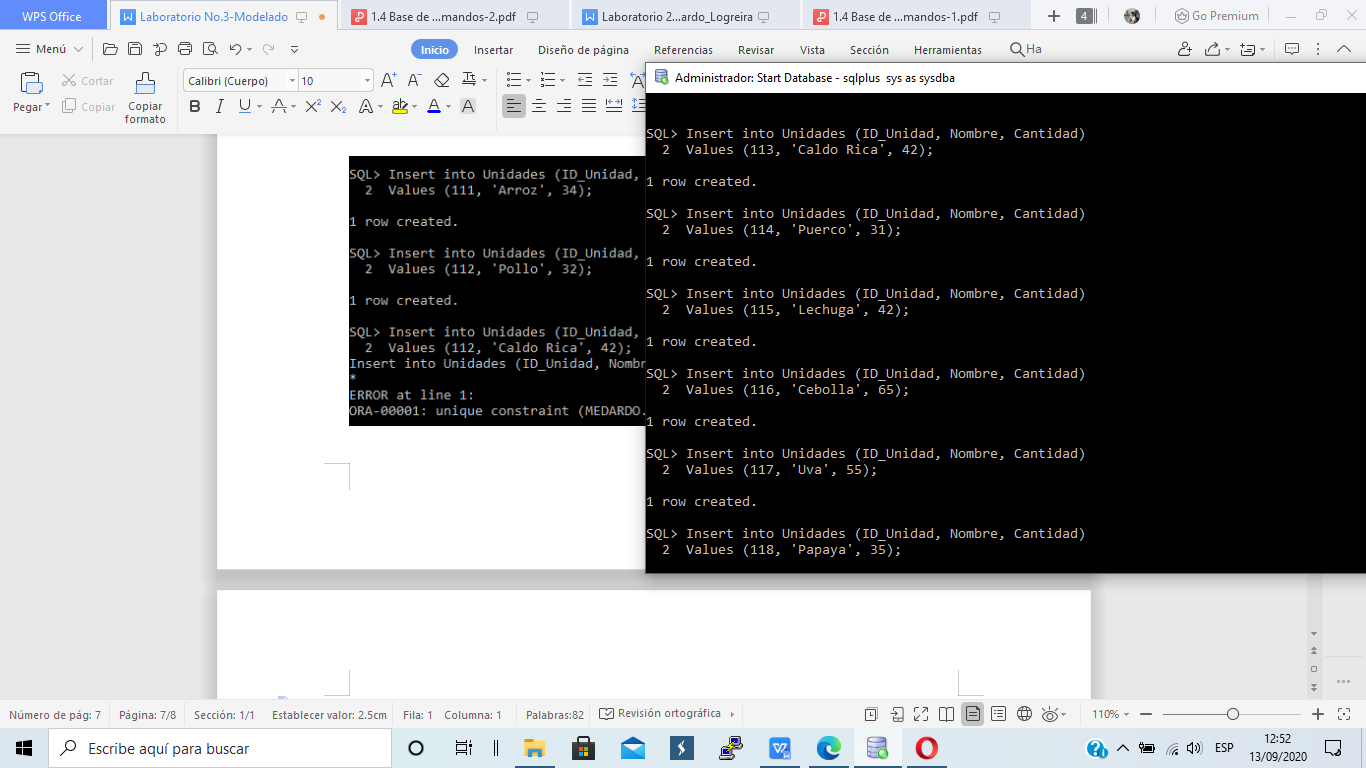
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| --- | --- | --- |
| **Unidades** | | |
| PK | ID\_Unidad | N |
|  | Nombre | N |
|  | Cantidad | N |

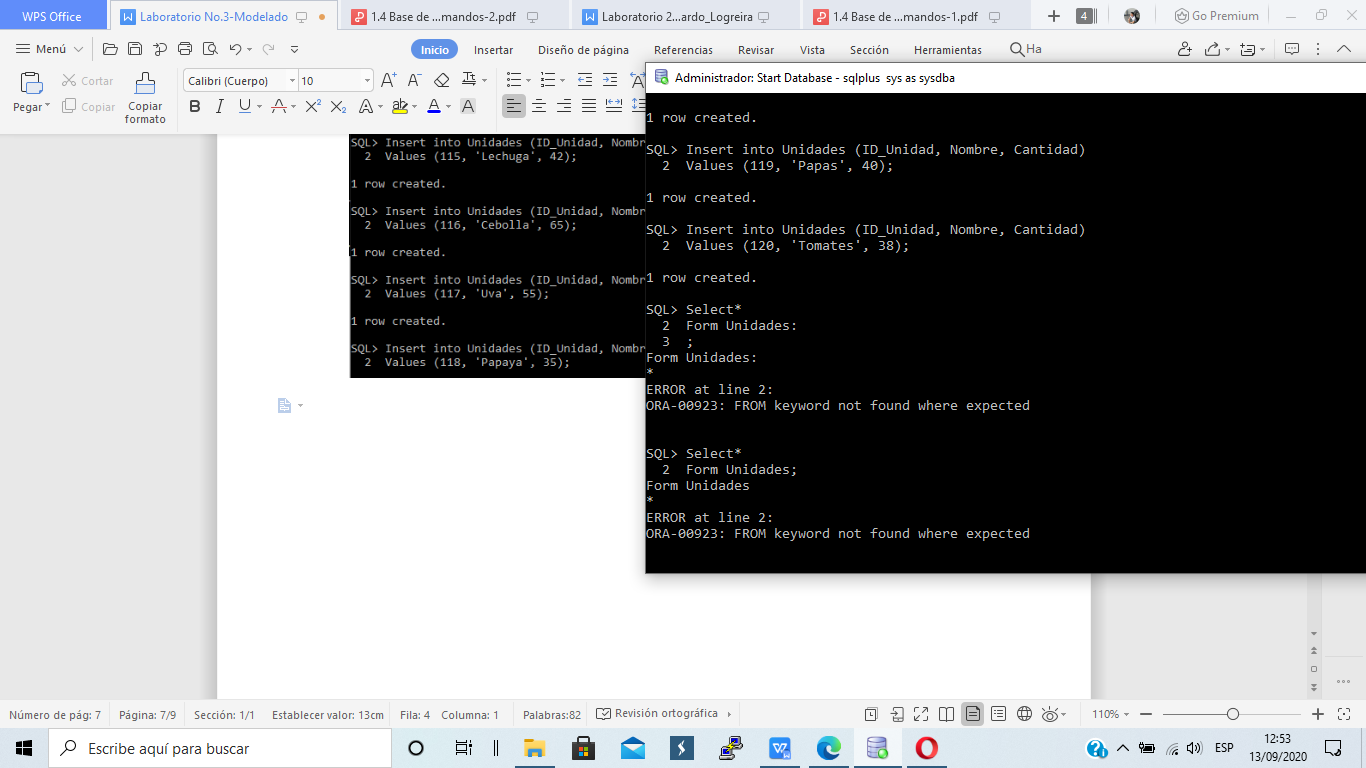


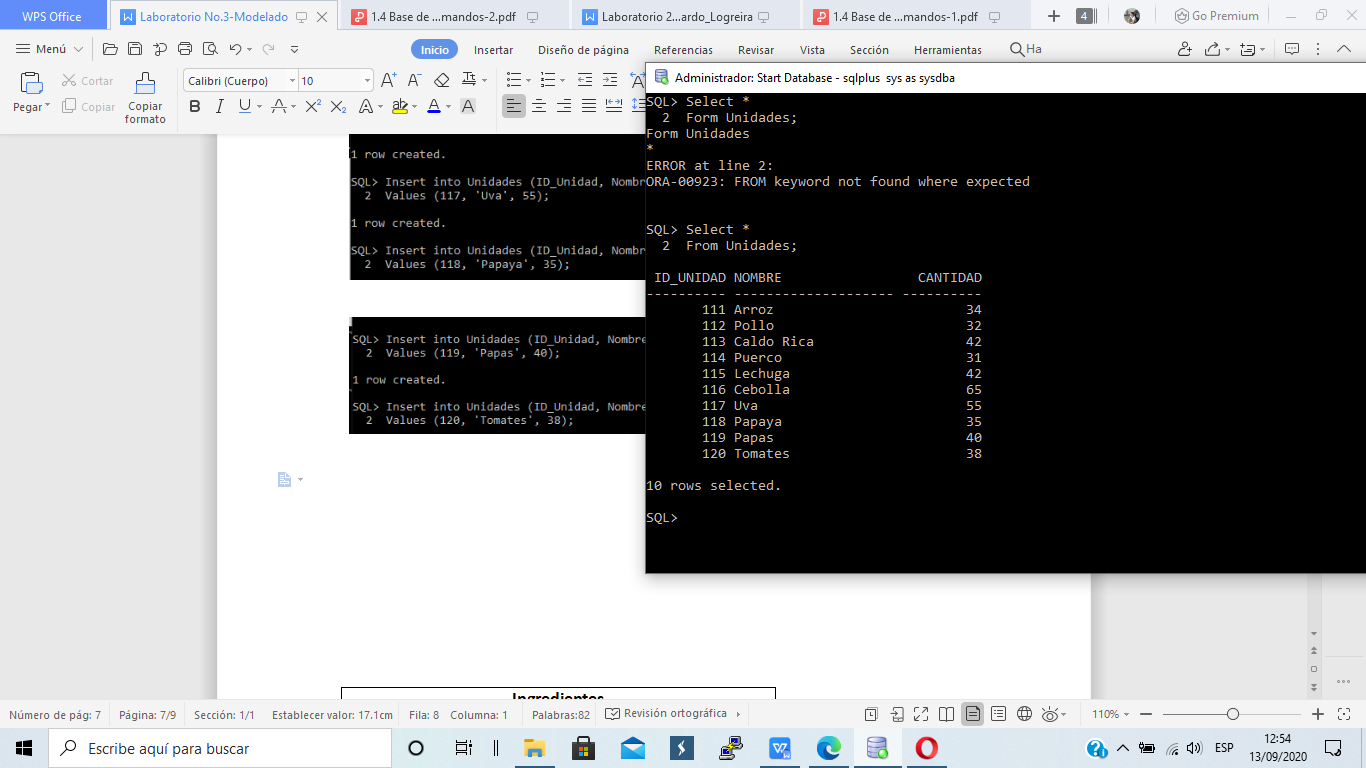


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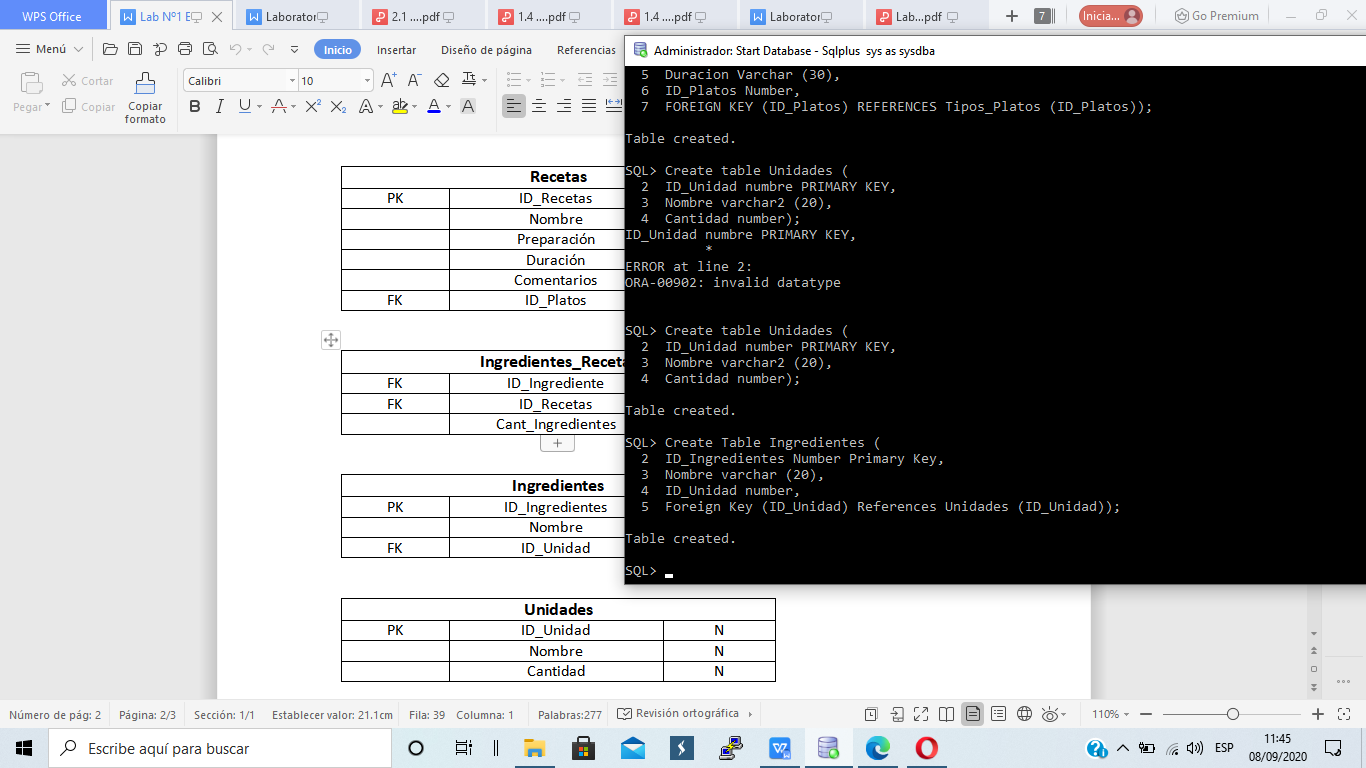


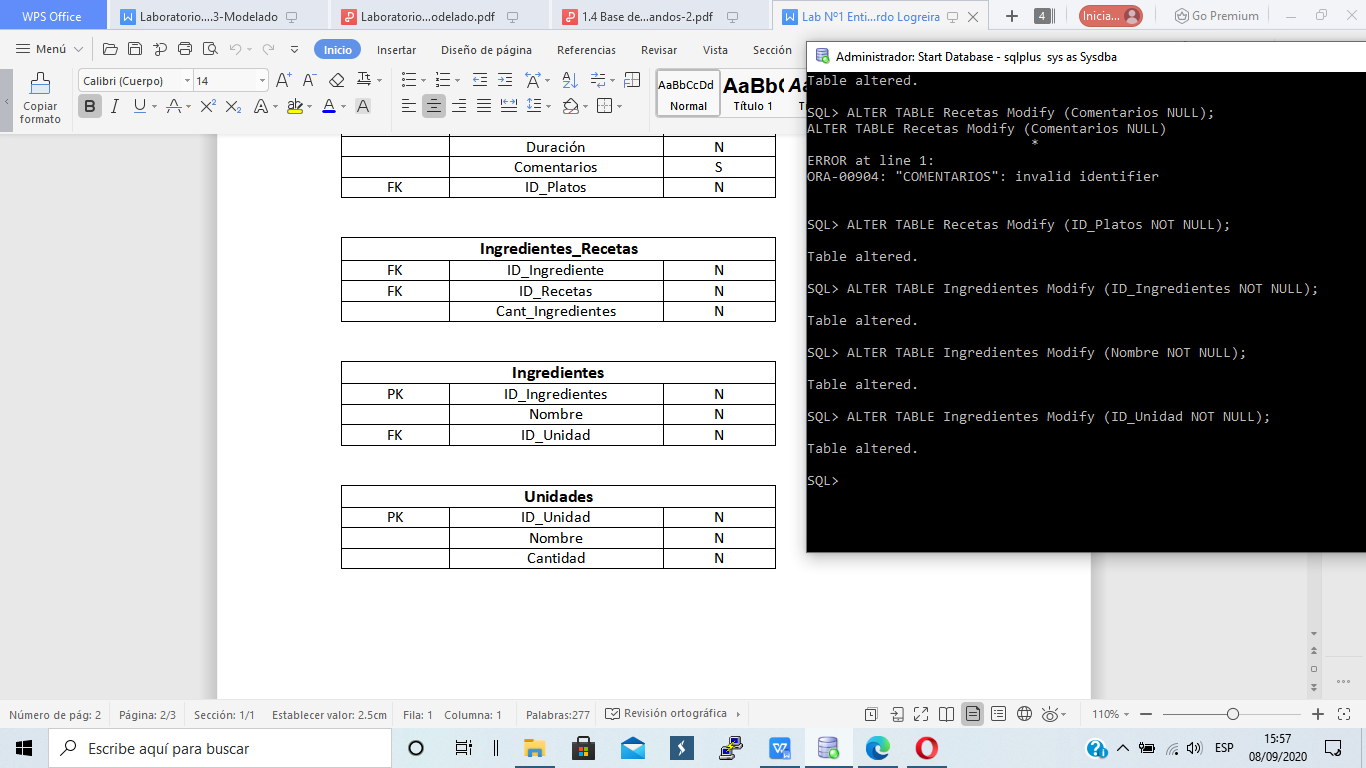




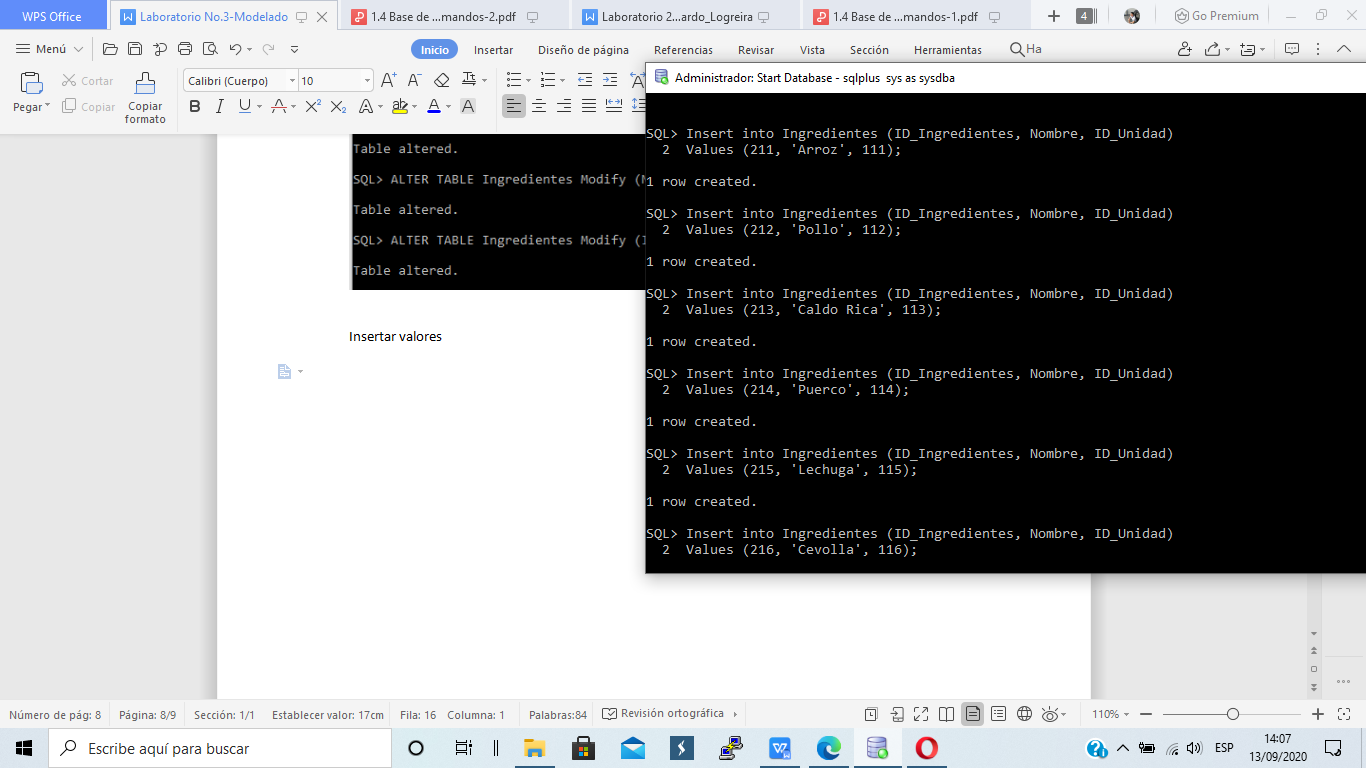


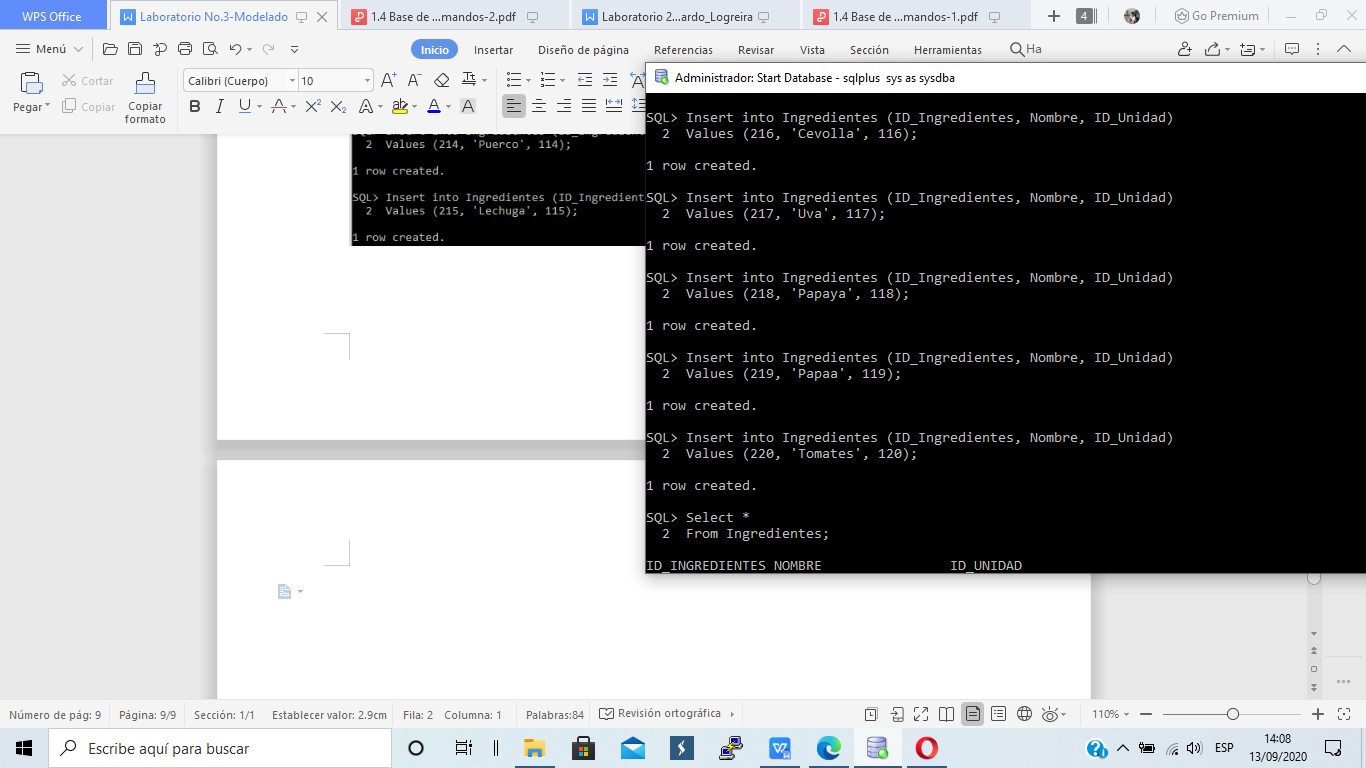
|  |  |  |
| --- | --- | --- |
| **Ingredientes** | | |
| PK | ID\_Ingredientes | N |
|  | Nombre | N |
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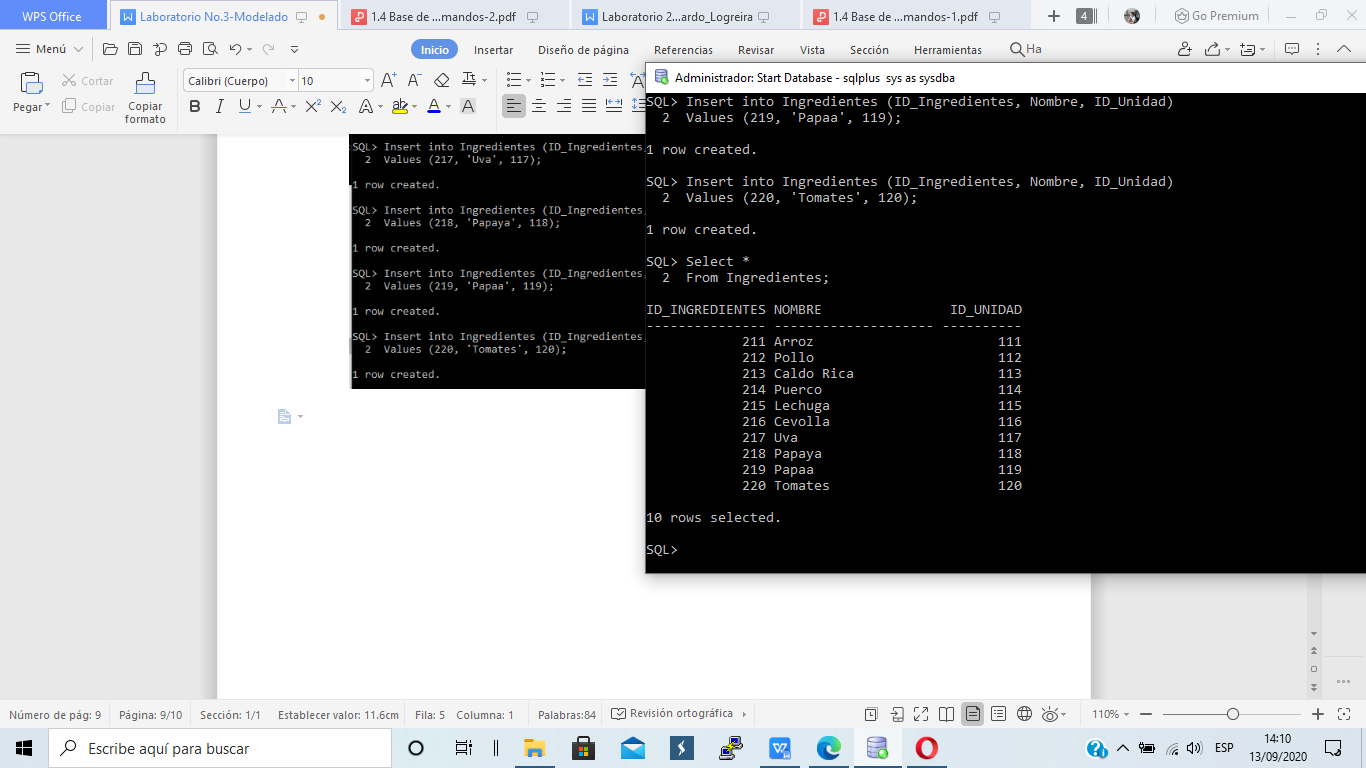




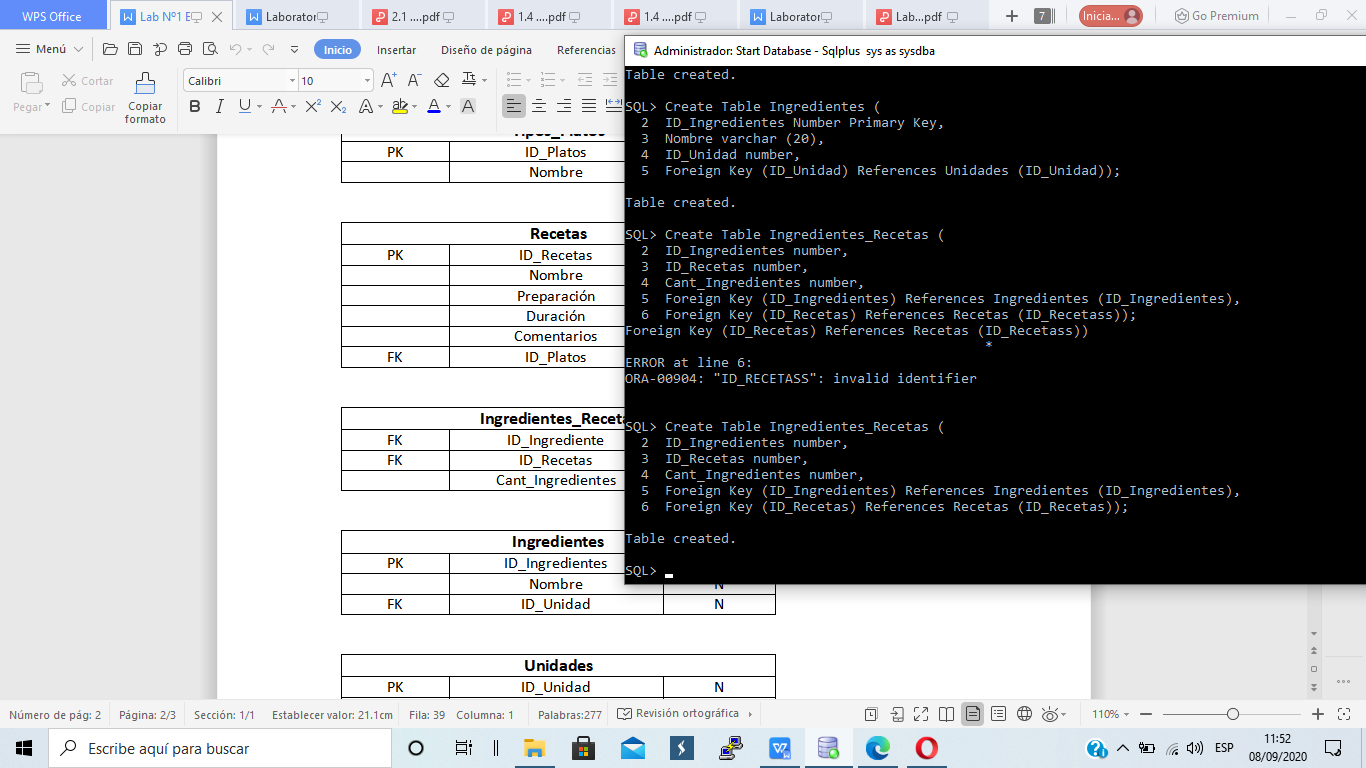
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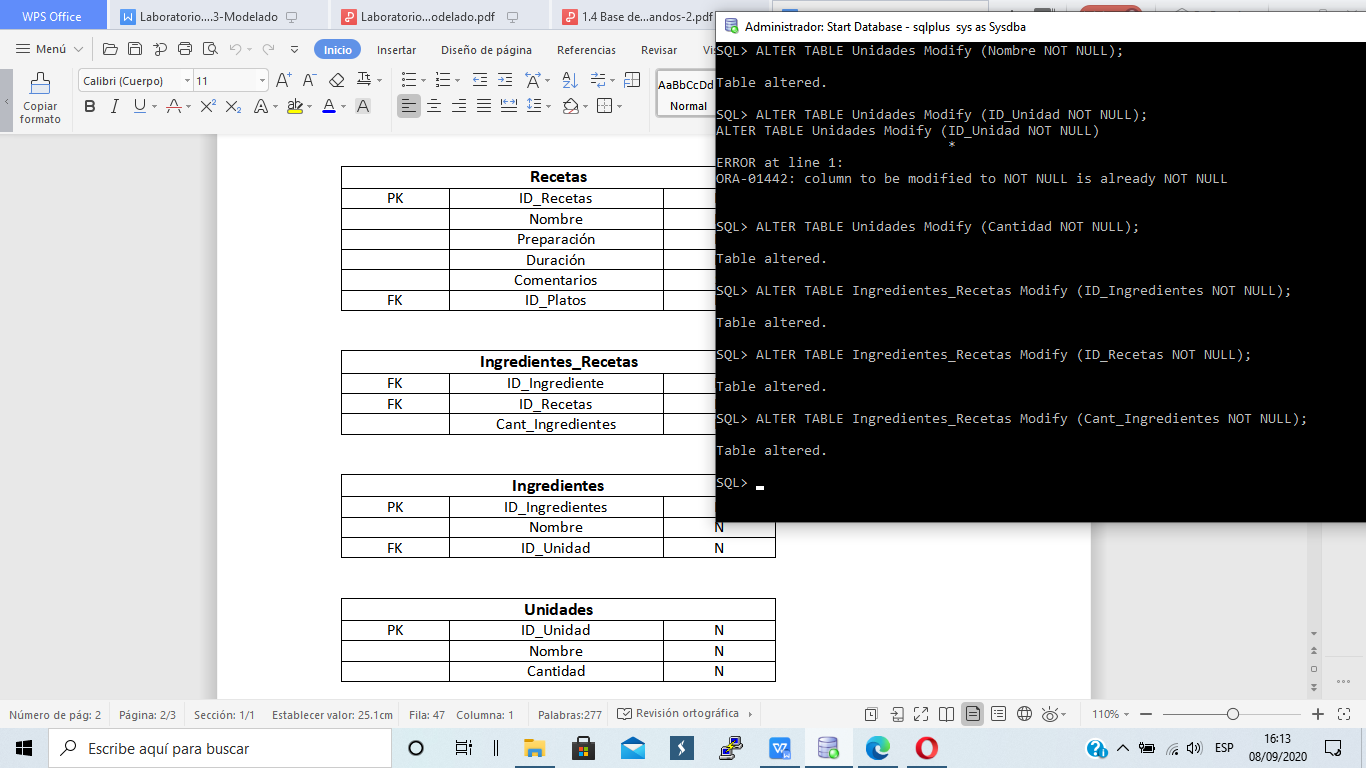




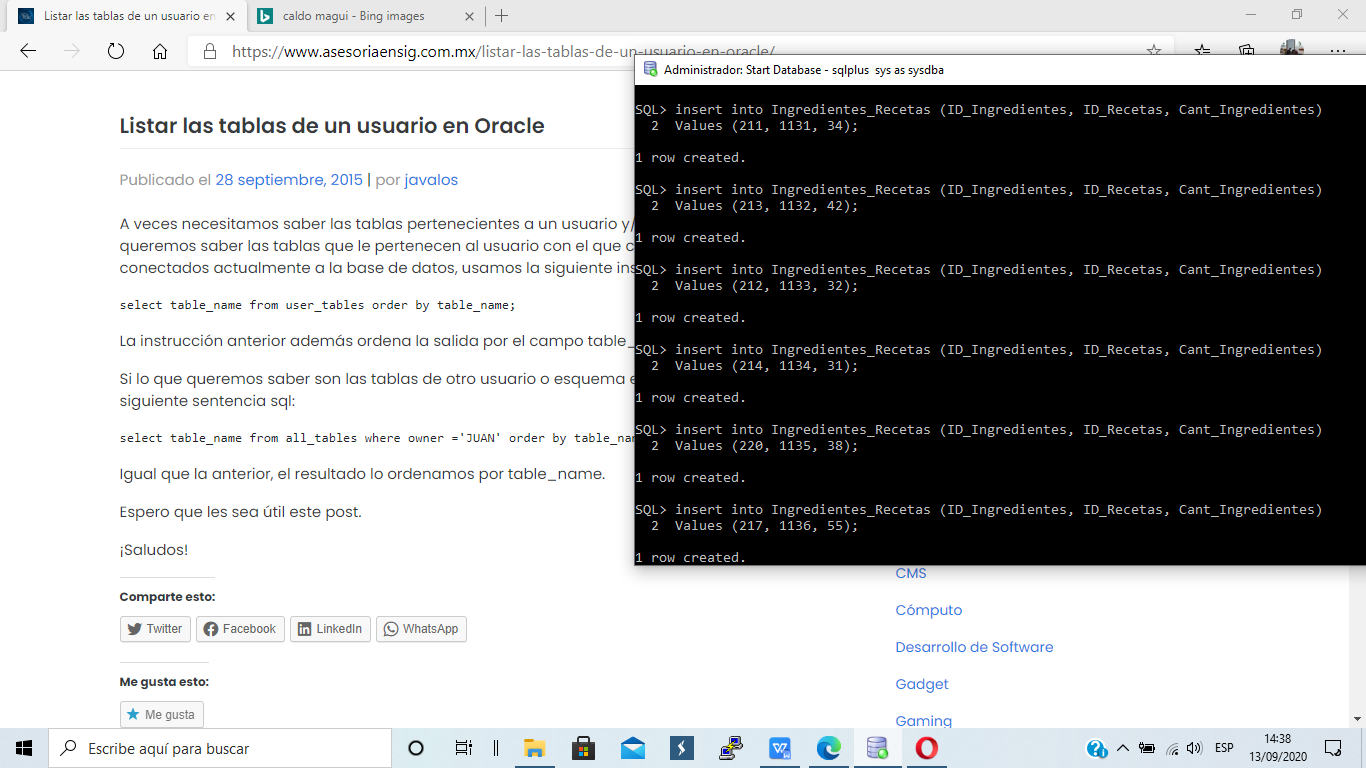


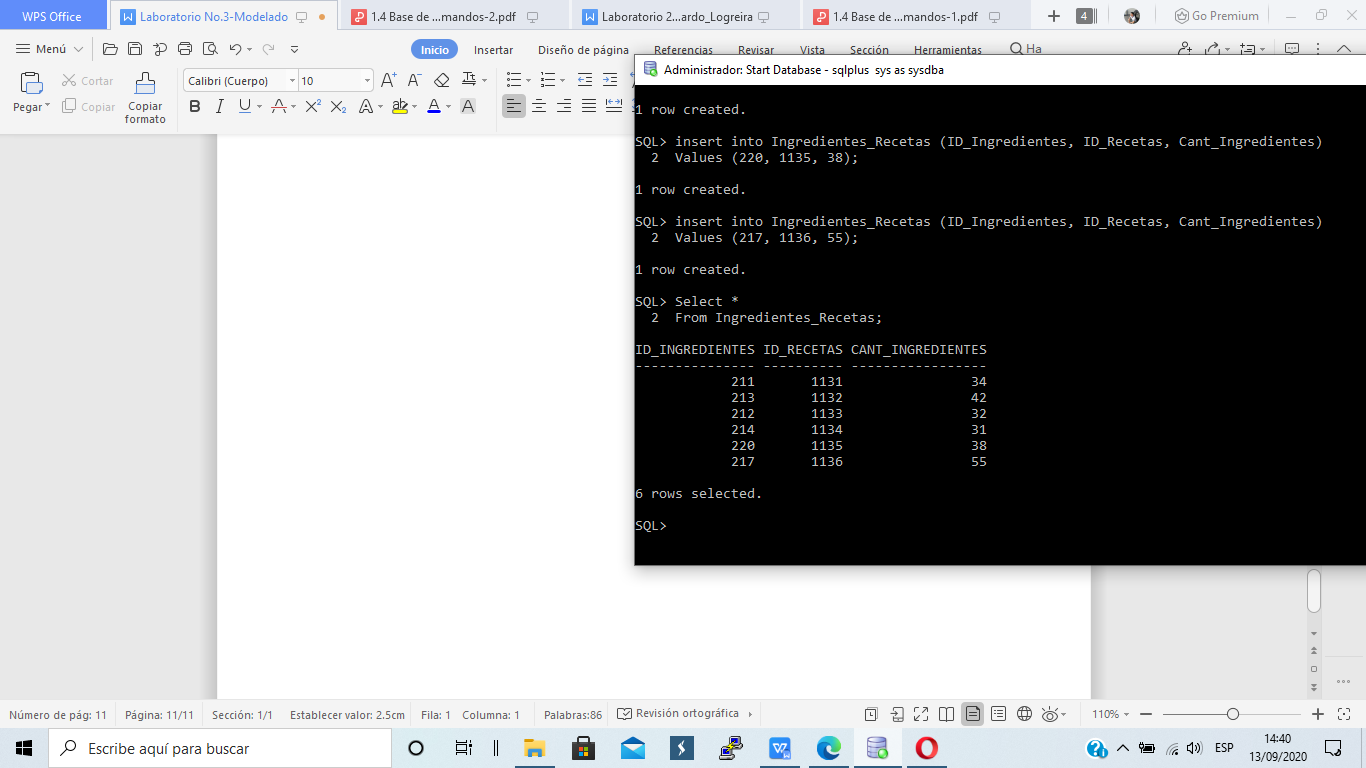
|  |  |  |
| --- | --- | --- |
| **Ingredientes\_Recetas** | | |
| FK | ID\_Ingrediente | N |
| FK | ID\_Recetas | N |
|  | Cant\_Ingredientes | N |





Insertar Ingredientes





**--vistas—**

