



**Universidad Autónoma De Chiapas**  
**Facultad De Contaduría Y Administración**

**Materia:**

Taller De Desarrollo 4

**Docente:**

Luis Gutiérrez Alfaro

**Actividad:**

Examen

**Alumno**

Jorge Eduardo Ramos Días

100005794

6 semestre Grupo “O”

TUXTLA GUTIERREZ, CHIAPAS

A 9 DE MARZO DE 2025

GIT HUB:

<https://github.com/EduardoRamos21/Taller4O.git>

#### CREACION DE LA BASE DE DATOS:

```
mysql> CREATE DATABASE productos;
Query OK, 1 row affected (0.01 sec)

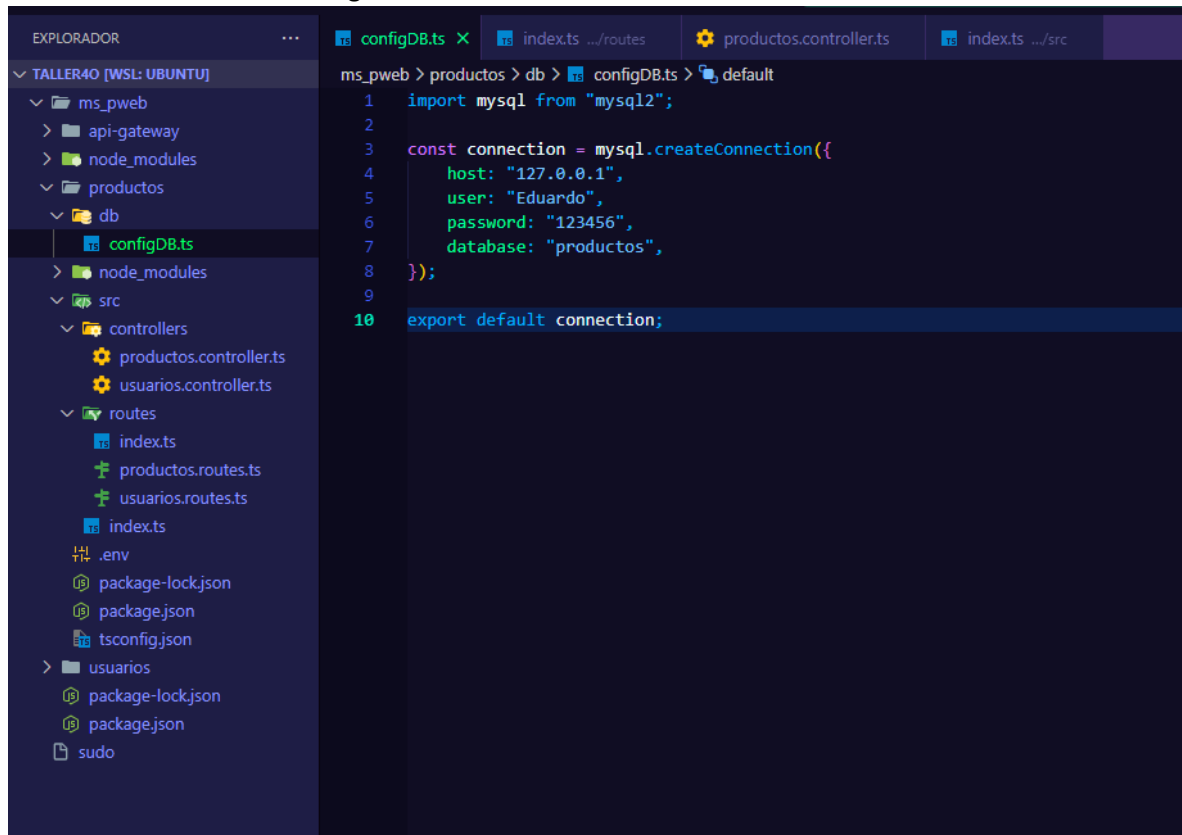
mysql> USE productos;
Database changed
mysql> CREATE TABLE products (
  ->   id INT NOT NULL AUTO_INCREMENT PRIMARY KEY,
  ->   nombre VARCHAR(50),
  ->   precio DECIMAL(8, 2),
  ->   description VARCHAR(100),
  ->   categoria VARCHAR(50)
  -> );
Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO products (nombre, precio, description, categoria) VALUES
  -> ('Manzana', 15.50, 'Manzana roja fresca', 'Frutas'),
  -> ('Plátano', 10.00, 'Plátano de exportación', 'Frutas'),
  -> ('Naranja', 8.75, 'Naranja dulce y jugosa', 'Frutas'),
  -> ('Fresa', 20.00, 'Fresas orgánicas', 'Frutas'),
  -> ('Mango', 25.00, 'Mango de temporada', 'Frutas');
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM products;
+-----+-----+-----+-----+-----+
| id | nombre | precio | description | categoria |
+-----+-----+-----+-----+-----+
| 1 | Manzana | 15.50 | Manzana roja fresca | Frutas |
| 2 | Plátano | 10.00 | Plátano de exportación | Frutas |
| 3 | Naranja | 8.75 | Naranja dulce y jugosa | Frutas |
| 4 | Fresa | 20.00 | Fresas orgánicas | Frutas |
| 5 | Mango | 25.00 | Mango de temporada | Frutas |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

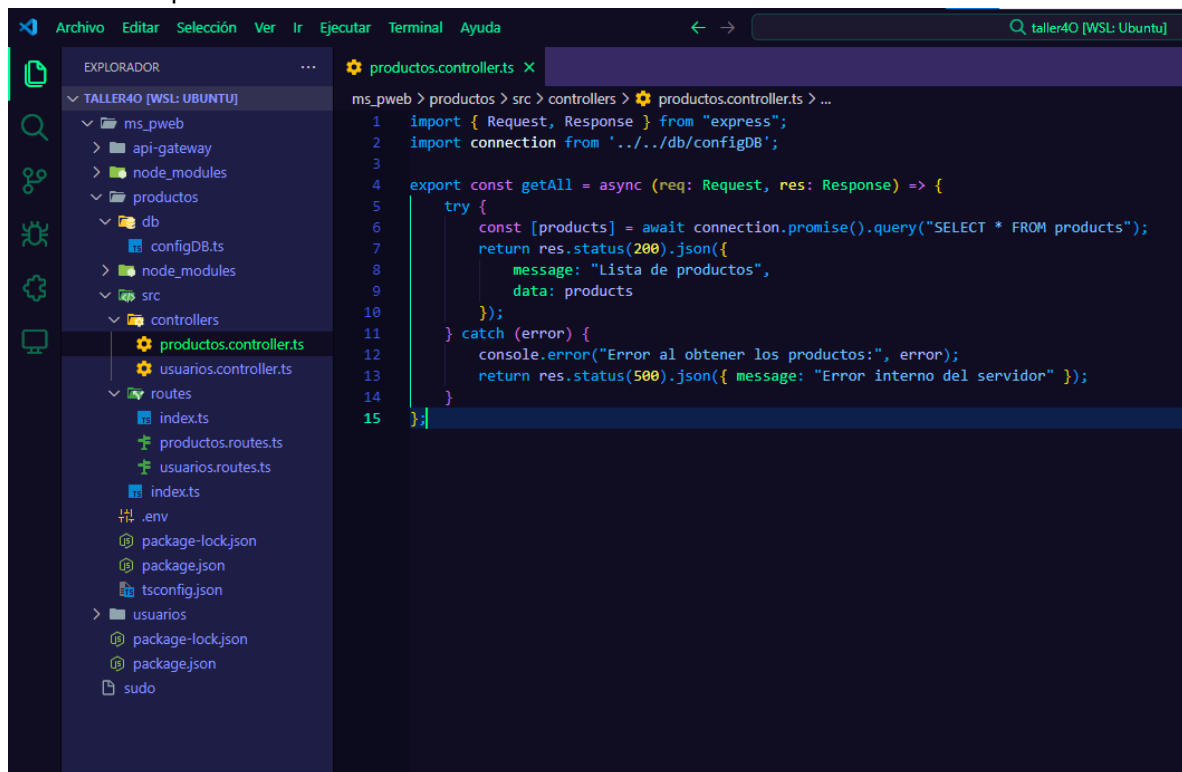
CREAMOS EL ARCHIVO ConfigDb.ts:



The screenshot shows the Visual Studio Code editor with the Explorer sidebar on the left and the Editor pane on the right. The Explorer sidebar shows the project structure for 'TALLER40 [WSL: UBUNTU]'. The 'db' folder is expanded, showing 'configDB.ts' as the selected file. The Editor pane shows the content of 'configDB.ts' with the following code:

```
ms_pweb > productos > db > configDB.ts > default
1 import mysql from "mysql2";
2
3 const connection = mysql.createConnection({
4   host: "127.0.0.1",
5   user: "Eduardo",
6   password: "123456",
7   database: "productos",
8 });
9
10 export default connection;
```

Modificamos productos.controller.ts:



The screenshot shows the Visual Studio Code editor with the Explorer sidebar on the left and the Editor pane on the right. The Explorer sidebar shows the project structure for 'TALLER40 [WSL: UBUNTU]'. The 'controllers' folder is expanded, showing 'productos.controller.ts' as the selected file. The Editor pane shows the content of 'productos.controller.ts' with the following code:

```
ms_pweb > productos > src > controllers > productos.controller.ts > ...
1 import { Request, Response } from "express";
2 import connection from '../db/configDB';
3
4 export const getAll = async (req: Request, res: Response) => {
5   try {
6     const [products] = await connection.promise().query("SELECT * FROM products");
7     return res.status(200).json({
8       message: "Lista de productos",
9       data: products
10    });
11   } catch (error) {
12     console.error("Error al obtener los productos:", error);
13     return res.status(500).json({ message: "Error interno del servidor" });
14   }
15 }
```

Corremos el servicio:

