



INGENIERÍA EN TECNOLOGÍAS DE LA INFORMACIÓN E INNOVACIÓN DIGITAL

Asignatura: Aplicaciones Web

Profesora: Diana Xochitl Ruano Vargas

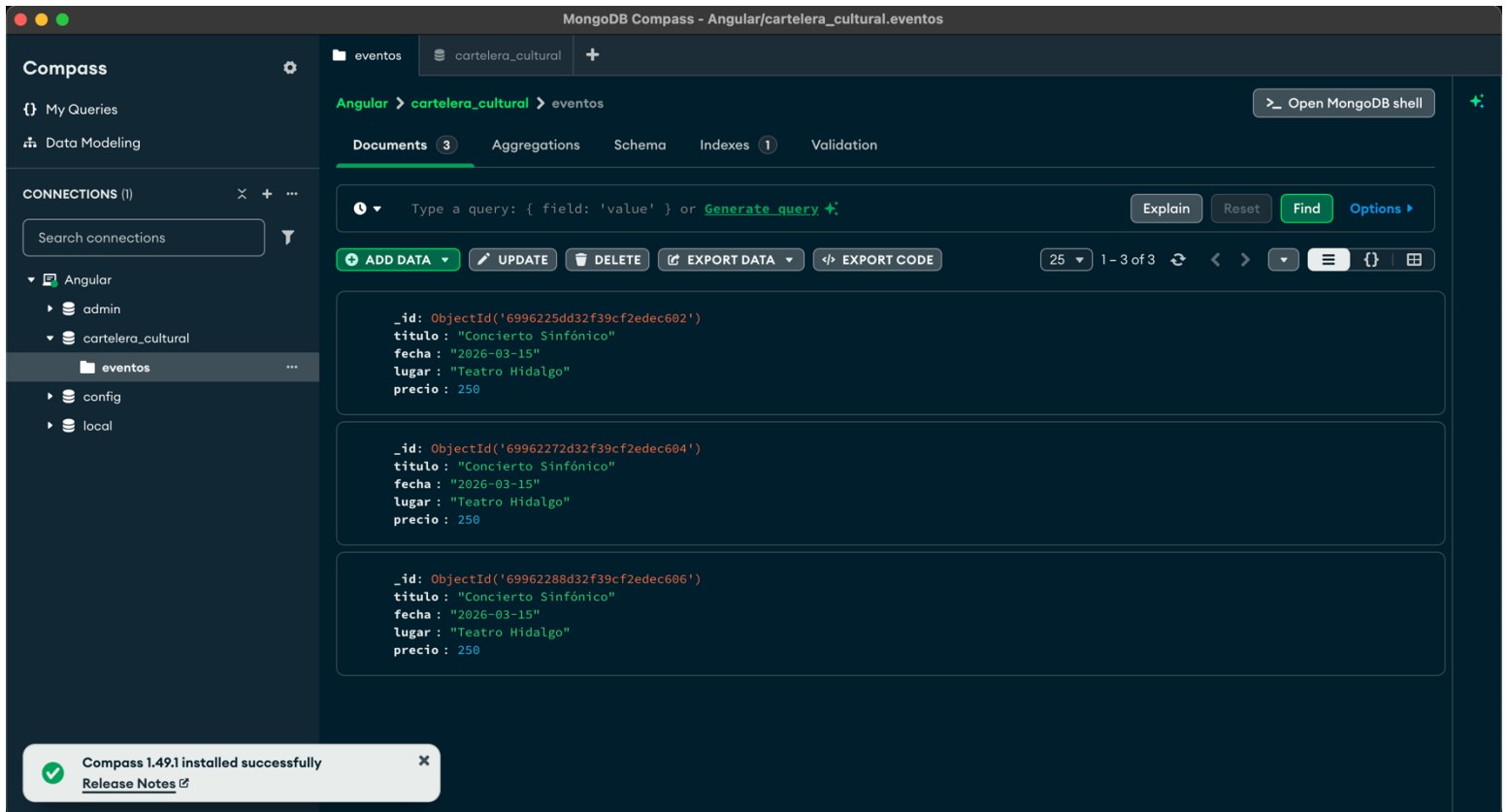
Fecha: 18/02/2026

Alumno: Edrei Noar Islas Abrego

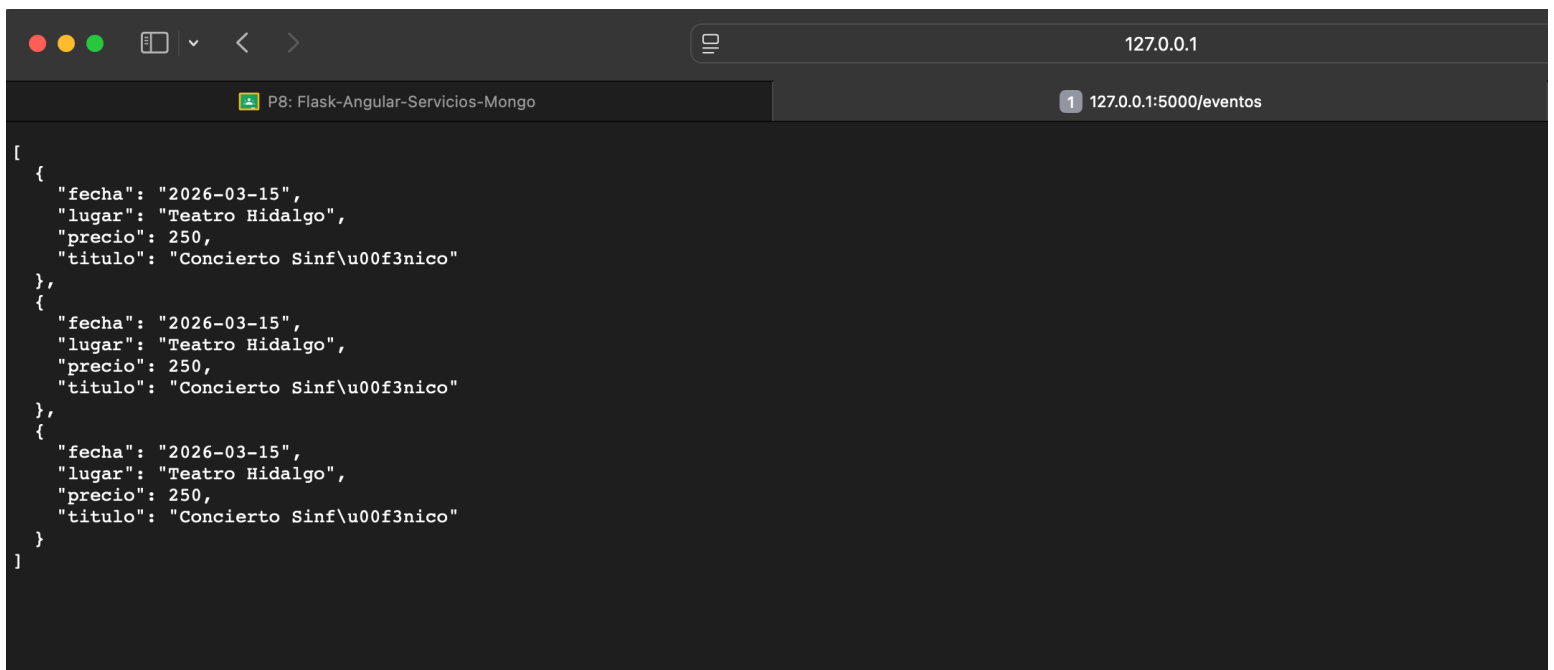
Actividad: PRÁCTICA 08

Grupo: 04_01

Captura de MongoDB con la colección creada



Captura del JSON en navegador

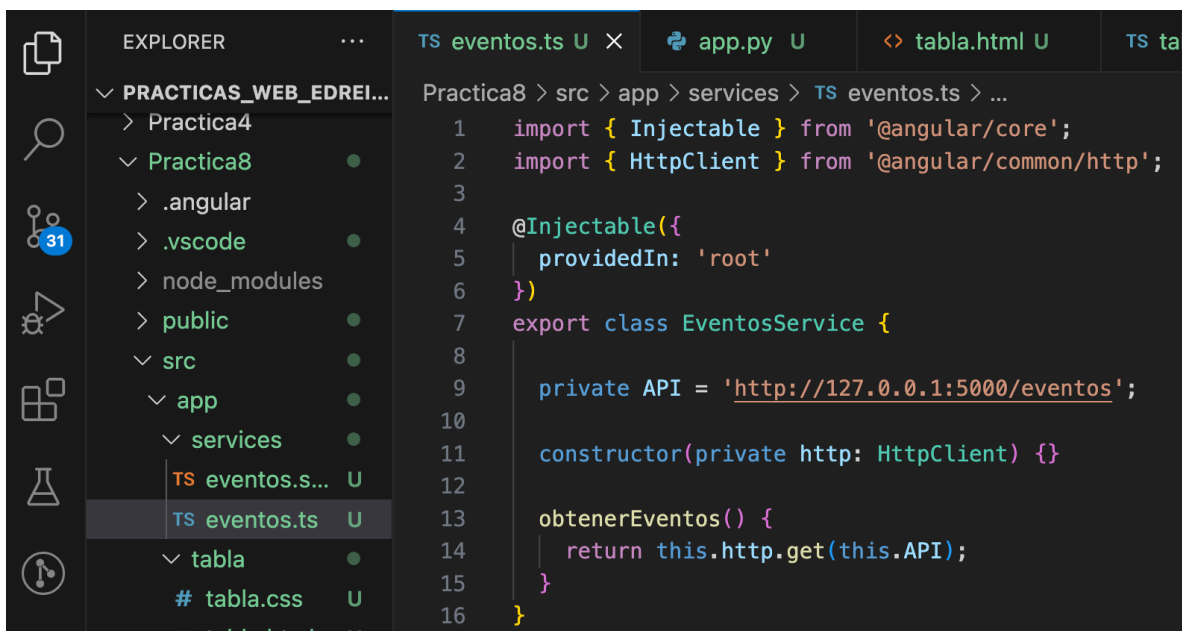


Captura de Angular mostrando tabla con datos de MongoDB

Cartelera Cultural

Título	Fecha	Lugar	Precio
Concierto Sinfónico	2026-03-15	Teatro Hidalgo	\$250
Concierto Sinfónico	2026-03-15	Teatro Hidalgo	\$250
Concierto Sinfónico	2026-03-15	Teatro Hidalgo	\$250

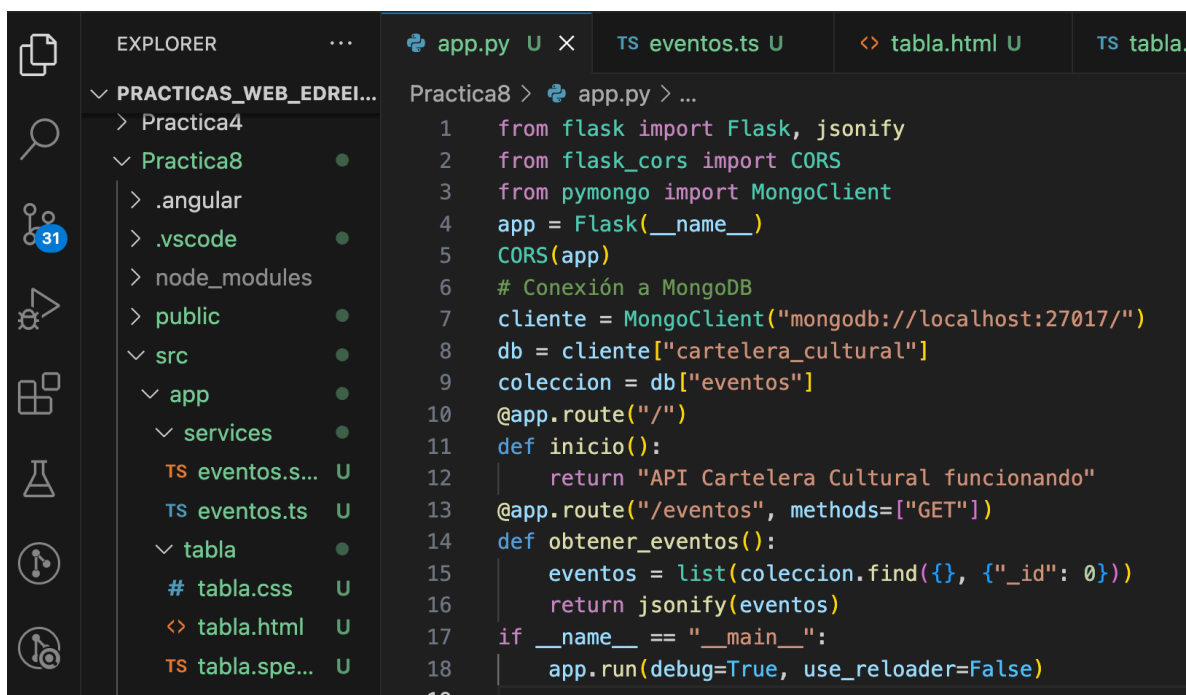
Servicio de Angular



The screenshot shows the VS Code interface with the Explorer on the left and the editor on the right. The Explorer shows the project structure for 'PRACTICAS_WEB_EDREI...', with 'Practica8' expanded. The editor shows the file 'TS eventos.ts' with the following code:

```
Practica8 > src > app > services > TS eventos.ts > ...  
1  import { Injectable } from '@angular/core';  
2  import { HttpClient } from '@angular/common/http';  
3  
4  @Injectable({  
5    providedIn: 'root'  
6  })  
7  export class EventosService {  
8  
9    private API = 'http://127.0.0.1:5000/eventos';  
10  
11    constructor(private http: HttpClient) {}  
12  
13    obtenerEventos() {  
14      return this.http.get(this.API);  
15    }  
16  }
```

Ruta de Flask



The screenshot shows the VS Code interface with the Explorer on the left and the editor on the right. The Explorer shows the project structure for 'PRACTICAS_WEB_EDREI...', with 'Practica8' expanded. The editor shows the file 'app.py' with the following code:

```
Practica8 > app.py > ...  
1  from flask import Flask, jsonify  
2  from flask_cors import CORS  
3  from pymongo import MongoClient  
4  app = Flask(__name__)  
5  CORS(app)  
6  # Conexión a MongoDB  
7  cliente = MongoClient("mongodb://localhost:27017/")  
8  db = cliente["cartelera_cultural"]  
9  coleccion = db["eventos"]  
10 @app.route("/")  
11 def inicio():  
12     return "API Cartelera Cultural funcionando"  
13 @app.route("/eventos", methods=["GET"])  
14 def obtener_eventos():  
15     eventos = list(coleccion.find({}, {"_id": 0}))  
16     return jsonify(eventos)  
17 if __name__ == "__main__":  
18     app.run(debug=True, use_reloader=False)  
19
```