Guia: Rodar Projeto Node.js + PostgreSQL com Docker e Acessar em localhost:3000

1. Estrutura esperada do projeto:

   public/ (contem index.html, style.css, script.js)

   server.js

   .env

   package.json

   docker-compose.yml

2. Conteudo do .env:

   DB_HOST=localhost

   DB_PORT=5432

   DB_USER=postgres

   DB_PASS=postgres

   DB_NAME=formularioDB

3. docker-compose.yml:

   version: '3.8'

   services:

    postgres:

      image: postgres:16-alpine

      container_name: postgres_container

      environment:

       POSTGRES_USER: postgres

       POSTGRES_PASSWORD: postgres

       POSTGRES_DB: formularioDB

      ports:

       - '5432:5432'

      volumes:

       - postgres_data:/var/lib/postgresql/data

   volumes:

    postgres_data:

4. Rodar o banco PostgreSQL via Docker:

    docker compose up -d

5. Criar a tabela no PostgreSQL:

    docker exec -it postgres_container psql -U postgres -d formularioDB

    CREATE TABLE usuarios (id SERIAL PRIMARY KEY, email VARCHAR(255), senha TEXT);

6. Rodar o backend Node.js:

    node server.js

    (ou npm start, se o script estiver no package.json)

7. Acessar no navegador:

    http://localhost:3000

    index.html sera carregado automaticamente se estiver em public/