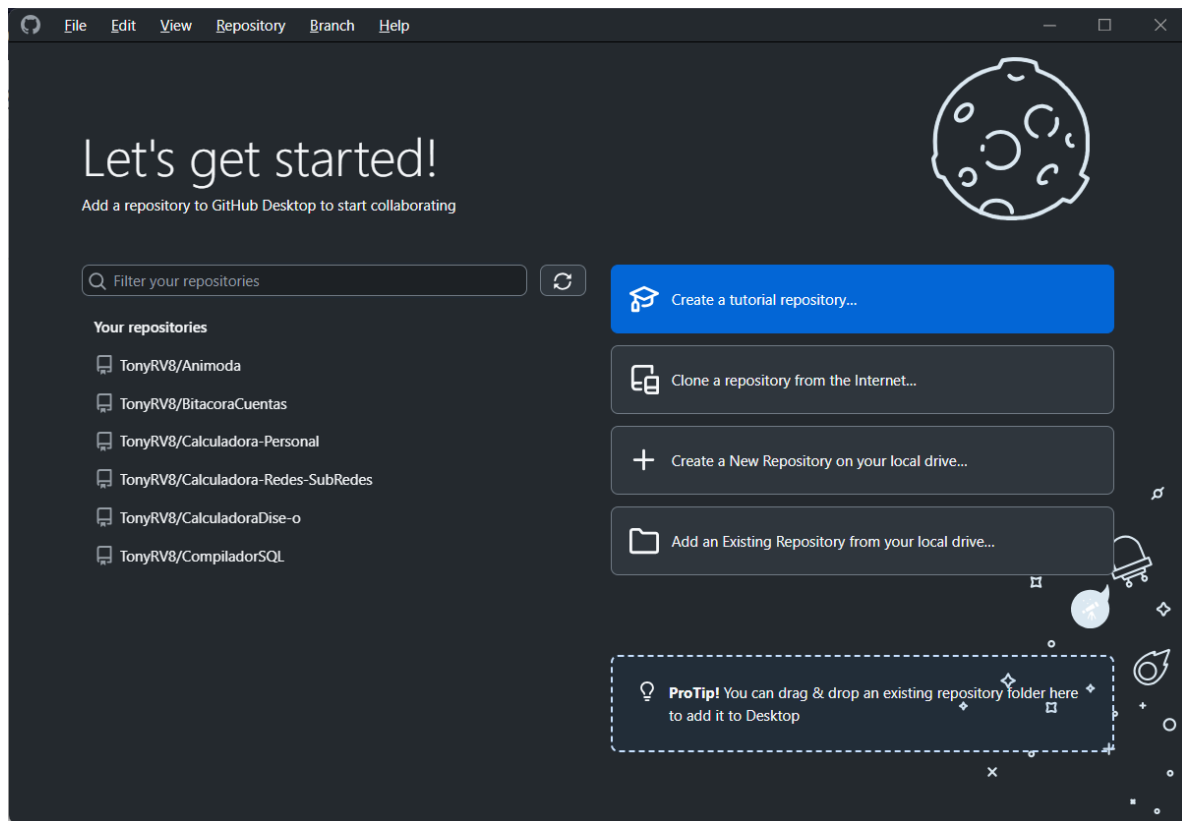


## Instalación de Java y Maven

```
Símbolo del sistema
Microsoft Windows [Versión 10.0.22631.4751]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\TotoM>mvn --version
Apache Maven 3.9.7 (8b094c9513efc1b9ce2d952b3b9c8eaedaf8cbf0)
Maven home: C:\apache-maven-3.9.7
Java version: 21.0.3, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk-21
Default locale: es_MX, platform encoding: UTF-8
OS name: "windows 11", version: "10.0", arch: "amd64", family: "windows"
```

## Instalación Git



## Repositorio en GitHub

The screenshot shows the GitHub repository for 'HolaSpring' by user 'TonyRV8'. The repository is public and has 1 branch (main) and 0 tags. It contains 3 commits. The file list includes: .mvn/wrapper, src, .gitattributes, .gitignore, README.md, mvnw, mvnw.cmd, and pom.xml. The README.md file is selected, showing the project description: 'HolaSpring' by Ramos Velasco Gabriel Antonio 6CV4. The description states it's a web application developed with Java Spring, accessible at <http://localhost:5173/hola> using a basic HTML and the HelloWorldController, with thymeleaf. The right sidebar shows repository statistics: 0 stars, 1 watching, 0 forks. It also includes sections for Releases (no releases published) and Packages (no packages published). A 'Languages' section shows Java at 77.8% and HTML at 22.2%. A 'Suggested workflows' section recommends 'Java with Ant'.

## Instalación de PostgreSQL para la base de datos en vez de XAMPP

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the 'Object Explorer' with a tree view of the database structure. The 'Servers' section shows 'PostgreSQL 16' expanded, revealing 'Databases (12)' including 'P4', 'P5\_Antonio', 'P5\_Finalfinal', 'animoda', 'Casts', 'Catalogs', 'Event Triggers', 'Extensions', 'Foreign Data Wrappers', 'Languages', 'Publications', 'Schemas', 'Subscriptions', and 'basesita'. The 'basesita' database is selected, showing its 'Casts', 'Catalogs', 'Event Triggers', 'Extensions', 'Foreign Data Wrappers', 'Languages', 'Publications', 'Schemas', 'Subscriptions', and 'dbcuents'.

The main pane shows the 'Query' editor with the following SQL code:

```
1 CREATE TABLE usuarios (
2     id SERIAL PRIMARY KEY,
3     nombre VARCHAR(100) NOT NULL,
4     email VARCHAR(150) UNIQUE NOT NULL,
5     password TEXT NOT NULL
6 );
7
8 select * from usuarios
9 -- Insertar algunos datos de prueba
10 INSERT INTO usuarios (nombre, email, password)
11 VALUES
12 ('Juan Pérez', 'juan.perez@email.com', 'password123'),
13 ('María Gómez', 'maria.gomez@email.com', 'claveSegura456'),
14 ('Carlos López', 'carlos.lopez@email.com', 'miContraseña789');
15
```

The 'Data Output' pane shows the results of the query, displaying columns: id (PK) integer, nombre character varying (100), email character varying (150), and password text. The status bar at the bottom indicates 'Total rows: 0 of 0' and 'Query complete 00:00:00.656'. A green notification box at the bottom right states 'PostgreSQL 16/basesita - Database connected.'

## Prueba del endpoint /hola

