Universidad Politécnica de Pachuca

Aplicaciones Web

Ingeniería en Tecnologías de la Información e Innovación Digital

Alumno: Hernández Helgueros César Alexis

Docente: Diana Xochitl Ruano Vargas

PRÁCTICA 01-INSTALACIÓN DEL ENTORNO DE DESARROLLO

Fecha:15/01/2026

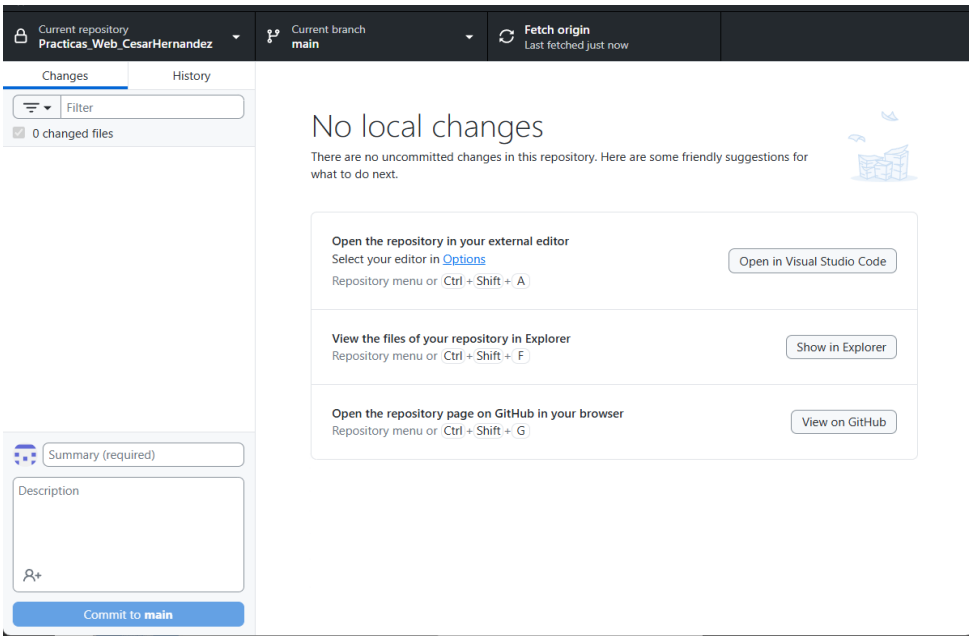
```
Microsoft Windows [Versión 10.0.26200.7623]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\cesar.SHIZA>v
"v" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

C:\Users\cesar.SHIZA>node -v
v24.12.0

C:\Users\cesar.SHIZA>npm -v
11.6.2

C:\Users\cesar.SHIZA>npm install -g @angular/cli

added 298 packages in 38s

68 packages are looking for funding
  run `npm fund` for details
npm notice
npm notice New minor version of npm available! 11.6.2 -> 11.7.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.7.0
npm notice To update run: npm install -g npm@11.7.0
npm notice

C:\Users\cesar.SHIZA>
```

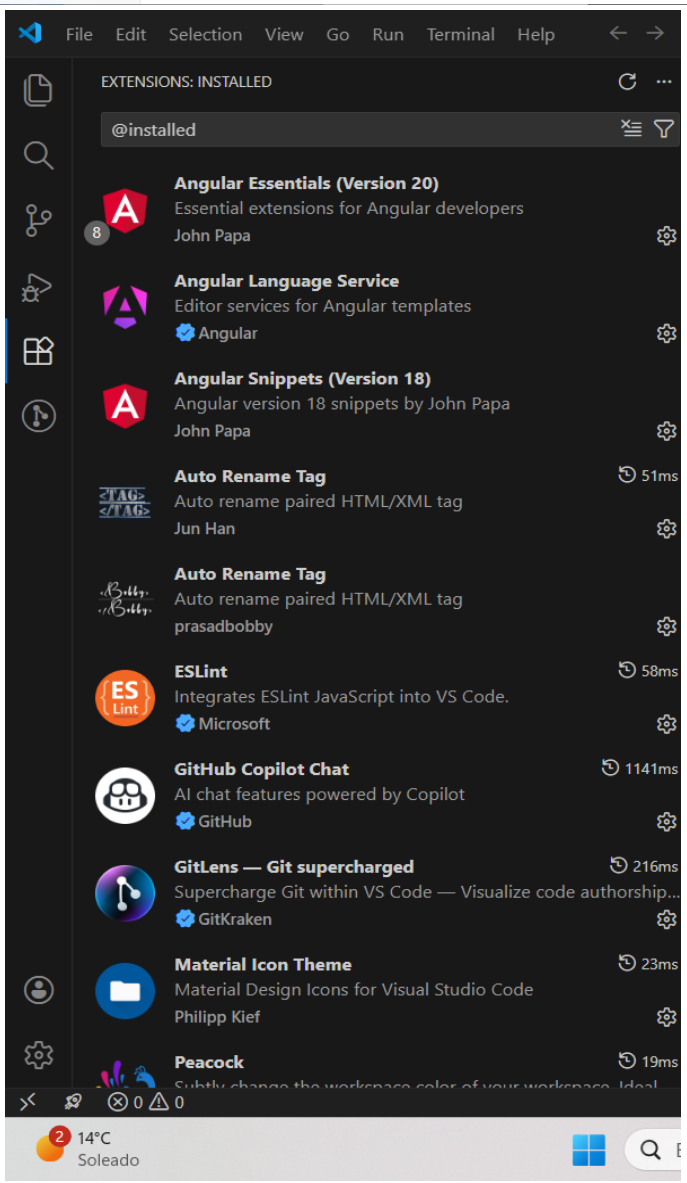

```
Microsoft Windows [Version 10.0.26200.7623]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\cesar.SHIZA>v
"v" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

C:\Users\cesar.SHIZA>node -v
v24.12.0

C:\Users\cesar.SHIZA>npm -v
11.6.2
```

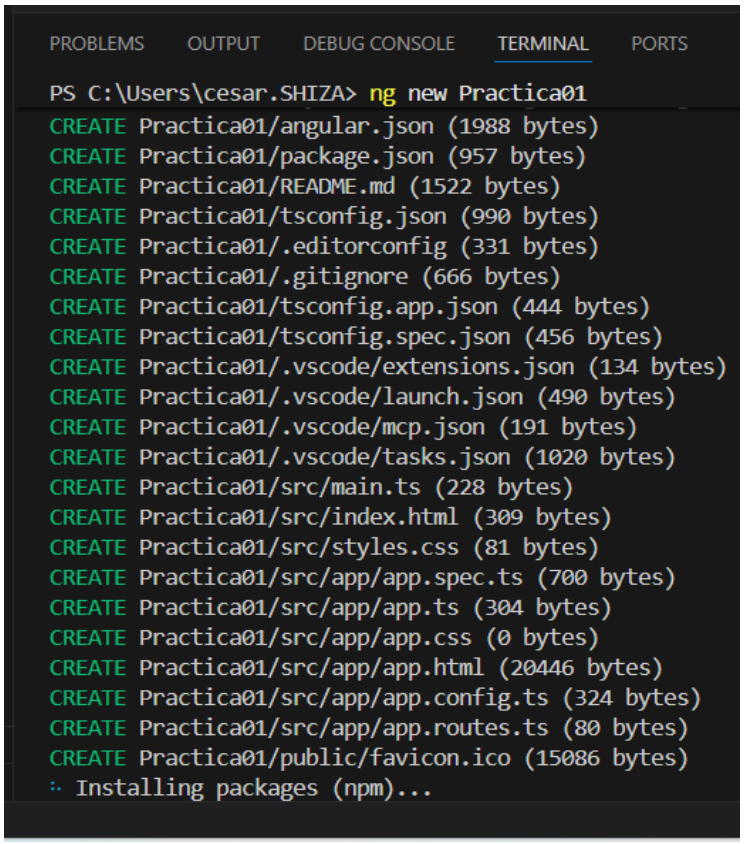
```
C:\Users\cesar.SHIZA>ng version

     _                      _                 ____ _     ___
    / \   _ __   __ _ _   _| | __ _ _ __     / ___| |   |_ _|
   / △ \ | '_ \ / _` | | | | |/ _` | '__|   | |   | |    | |
  / ___ \| | | | (_| | |_| | | (_| | |      | |___| |___ | |
 /_/   \_\_| |_|\__, |\__,_|_|\__,_|_|       \____|_____|___|
                |___/


Angular CLI        : 21.1.0
Node.js            : 24.12.0
Package Manager    : npm 11.6.2
Operating System   : win32 x64


C:\Users\cesar.SHIZA>
```

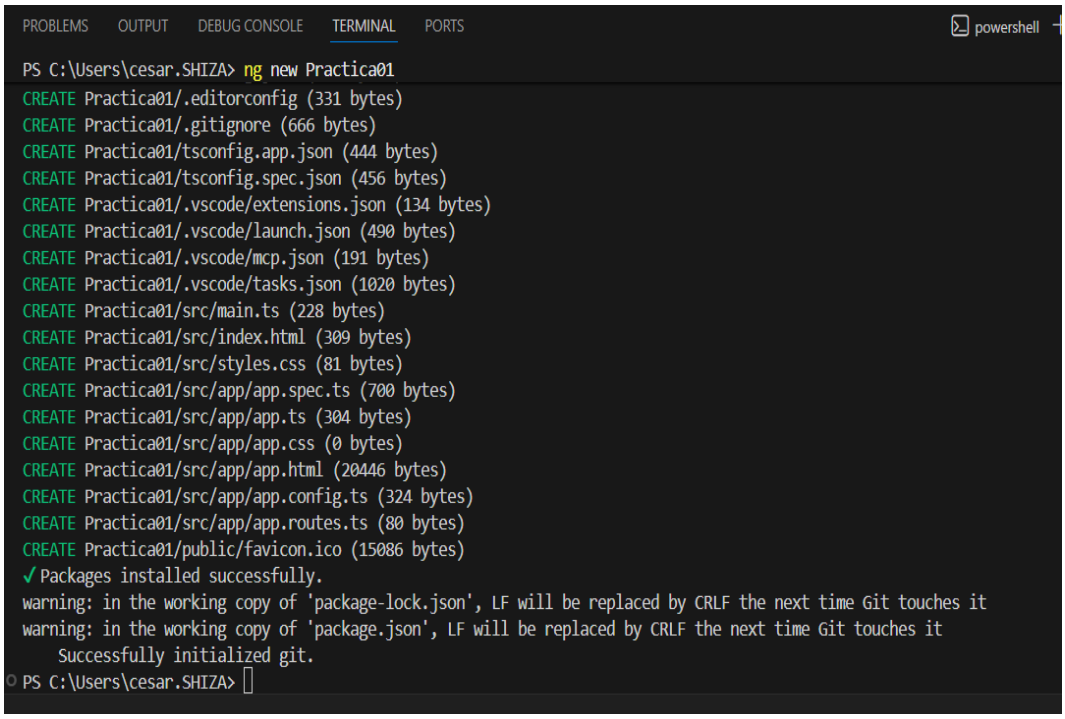
```
PS C:\WINDOWS\system32> Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope CurrentUser

Cambio de directiva de ejecución
La directiva de ejecución te ayuda a protegerte de scripts en los que no confías. Si cambias dicha directiva, podrías
exponerte a los riesgos de seguridad descritos en el tema de la Ayuda about_Execution_Policies en
https:/go.microsoft.com/fwlink/?LinkID=135170. ¿Quieres cambiar la directiva de ejecución?
[S] Sí  [O] Sí a todo  [N] No  [T] No a todo  [U] Suspender  [?] Ayuda (el valor predeterminado es "N"): S
PS C:\WINDOWS\system32>
```

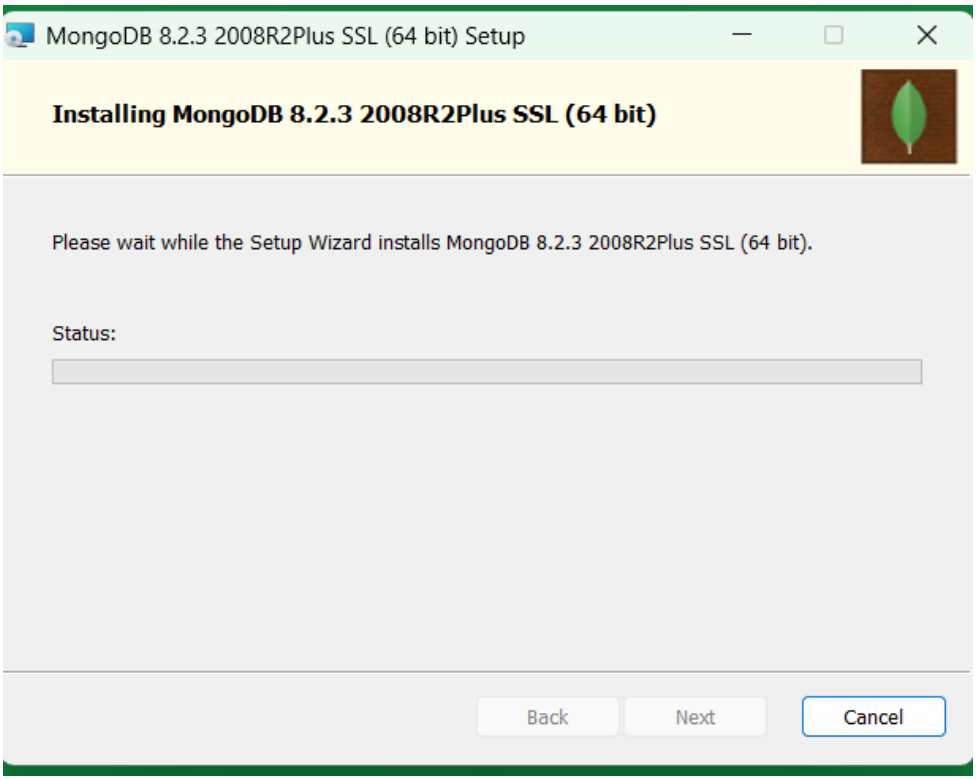
```
cesar@Shiza MINGW64 ~
$ git --version
git version 2.52.0.windows.1

cesar@Shiza MINGW64 ~
$ git config --global user.name "Hernandez Helgueros Cesar Alexis"

cesar@Shiza MINGW64 ~
$ ^C

cesar@Shiza MINGW64 ~
$ git congig --global user.mail "helgueroscesar@micorreo.upp.edu.mx"
git: 'congig' is not a git command. See 'git --help'.

The most similar command is
        config

cesar@Shiza MINGW64 ~
$ git config --global user.mail "helgueroscesar@micorreo.upp.edu.mx"

cesar@Shiza MINGW64 ~
$
```

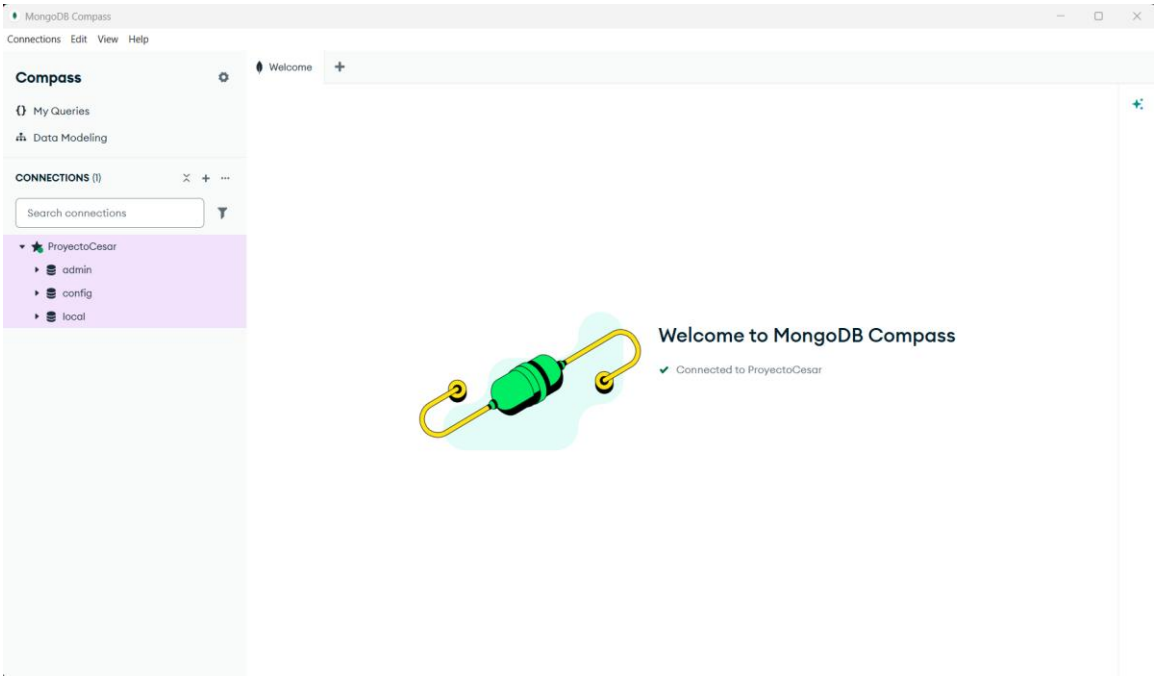

Current repository
Practicas_Web_CesarHernandez
Current branch
main
Fetch origin
Last fetched just now
Changes
History
Filter
0 changed files
No local changes
There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.
Open the repository in your external editor
Select your editor in Options
Repository menu or Ctrl + Shift + A
Open in Visual Studio Code
View the files of your repository in Explorer
Repository menu or Ctrl + Shift + F
Show in Explorer
Open the repository page on GitHub in your browser
Repository menu or Ctrl + Shift + G
View on GitHub
Summary (required)
Description
Commit to main


File
Edit
Selection
View
Go
Run
Terminal
Help
EXTENSIONS: INSTALLED
@installed
Angular Essentials (Version 20)
Essential extensions for Angular developers
John Papa
Angular Language Service
Editor services for Angular templates
Angular
Angular Snippets (Version 18)
Angular version 18 snippets by John Papa
John Papa
Auto Rename Tag
51ms
Auto rename paired HTML/XML tag
Jun Han
Auto Rename Tag
Auto rename paired HTML/XML tag
prasadbobby
ESLint
58ms
Integrates ESLint JavaScript into VS Code.
Microsoft
GitHub Copilot Chat
1141ms
AI chat features powered by Copilot
GitHub
GitLens — Git supercharged
216ms
Supercharge Git within VS Code — Visualize code authorship...
GitKraken
Material Icon Theme
23ms
Material Design Icons for Visual Studio Code
Philipp Kief
Peacock
19ms
14°C
Soleado


PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
PS C:\Users\cesar.SHIZA> ng new Practica01
CREATE Practica01/angular.json (1988 bytes)
CREATE Practica01/package.json (957 bytes)
CREATE Practica01/README.md (1522 bytes)
CREATE Practica01/tsconfig.json (990 bytes)
CREATE Practica01/.editorconfig (331 bytes)
CREATE Practica01/.gitignore (666 bytes)
CREATE Practica01/tsconfig.app.json (444 bytes)
CREATE Practica01/tsconfig.spec.json (456 bytes)
CREATE Practica01/.vscode/extensions.json (134 bytes)
CREATE Practica01/.vscode/launch.json (490 bytes)
CREATE Practica01/.vscode/mcp.json (191 bytes)
CREATE Practica01/.vscode/tasks.json (1020 bytes)
CREATE Practica01/src/main.ts (228 bytes)
CREATE Practica01/src/index.html (309 bytes)
CREATE Practica01/src/styles.css (81 bytes)
CREATE Practica01/src/app/app.spec.ts (700 bytes)
CREATE Practica01/src/app/app.ts (304 bytes)
CREATE Practica01/src/app/app.css (0 bytes)
CREATE Practica01/src/app/app.html (20446 bytes)
CREATE Practica01/src/app/app.config.ts (324 bytes)
CREATE Practica01/src/app/app.routes.ts (80 bytes)
CREATE Practica01/public/favicon.ico (15086 bytes)
Installing packages (npm)...


PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
powershell
PS C:\Users\cesar.SHIZA> ng new Practica01
CREATE Practica01/.editorconfig (331 bytes)
CREATE Practica01/.gitignore (666 bytes)
CREATE Practica01/tsconfig.app.json (444 bytes)
CREATE Practica01/tsconfig.spec.json (456 bytes)
CREATE Practica01/.vscode/extensions.json (134 bytes)
CREATE Practica01/.vscode/launch.json (490 bytes)
CREATE Practica01/.vscode/mcp.json (191 bytes)
CREATE Practica01/.vscode/tasks.json (1020 bytes)
CREATE Practica01/src/main.ts (228 bytes)
CREATE Practica01/src/index.html (309 bytes)
CREATE Practica01/src/styles.css (81 bytes)
CREATE Practica01/src/app/app.spec.ts (700 bytes)
CREATE Practica01/src/app/app.ts (304 bytes)
CREATE Practica01/src/app/app.css (0 bytes)
CREATE Practica01/src/app/app.html (20446 bytes)
CREATE Practica01/src/app/app.config.ts (324 bytes)
CREATE Practica01/src/app/app.routes.ts (80 bytes)
CREATE Practica01/public/favicon.ico (15086 bytes)
Packages installed successfully.
warning: in the working copy of 'package-lock.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'package.json', LF will be replaced by CRLF the next time Git touches it
Successfully initialized git.
PS C:\Users\cesar.SHIZA>


MongoDB 8.2.3 2008R2Plus SSL (64 bit) Setup
Installing MongoDB 8.2.3 2008R2Plus SSL (64 bit)
Please wait while the Setup Wizard installs MongoDB 8.2.3 2008R2Plus SSL (64 bit).
Status:
Back
Next
Cancel


MongoDB Compass
Connections Edit View Help
Compass
My Queries
Data Modeling
CONNECTIONS (1)
Search connections
ProyectoCesar
admin
config
local
Welcome
Welcome to MongoDB Compass
Connected to ProyectoCesar