

**Realizar a instalación e configuración dun contorno de traballo para programar con JavaScript.**

**Para elo terás que:**

- 1. Instalar un editor de páxinas web e Javascript/TypeScript, neste caso Visual Studio Code.**
- 2. Instalar Git.**
- 3. Crearte unha conta en GitHub tal e como se recolle no documento de Recursos Complementarios.**
- 4. Instalar node, nvm, npm,... tal e como se recolle no documento de Recursos Complementarios.**
- 5. Crea un “Ola Mundo” ben sinxelo en Javascript e, tamén, en TypeScript.**
- 6. Eres capaz de enlazar o repositorio de GitHub anterior ao Visual Studio Code?**

-Como o ano pasado xa cursara outras materias do ciclo, xa teño instalados os puntos 1, 2 e 4:

1.- Instalar un editor de páxinas web e Javascript/Typescript, neste caso Visual Studio Code.


The screenshot shows a web application interface for 'FP A DISTANCIA'. The top navigation bar is blue with links: Inicio, Os meus cursos, Guía do alumnado, and Incidencias. On the right, there are icons for notifications, chat, and a user profile, along with a 'Modo de edición' toggle.

The main content area features a user profile for 'Carla Maceiras López' with a 'Mensaxe' button. Below the profile, there are sections for 'Detalles do usuario', 'Detalles do curso', and 'Varios'. The 'Detalles do usuario' section includes fields for 'Enderezo de correo' (ue12357@edu.xunta.gal), 'País' (España), and 'Fuso horario' (Europe/Madrid). The 'Detalles do curso' section lists several courses with IDs and titles. The 'Varios' section includes links for 'Comentarios do foro' and 'Debates do foro'.

Overlaid on the web application is a window of the Visual Studio Code editor. The window title is 'Release Notes: 1.82.2'. The content displays the 'August 2023 (version 1.82)' release notes. It includes a checkbox for 'Show release notes after an update' and two update summaries: 'Update 1.82.1: The update addresses this security issue.' and 'Update 1.82.2: The update addresses these issues.' Below these, a list of key highlights is shown, including 'Accessibility improvements', 'Built-in port forwarding', 'Sticky Scroll updates', 'New diff editor features', 'Command Center displayed by default', 'Copy Notebook output', 'WebAssembly debugging', 'New TypeScript refactorings', 'New Python Formatting topic', and 'Preview: GitHub Copilot'. A 'Go Live' button is visible in the bottom right corner of the VS Code window.

At the bottom of the web application, there is a footer with currency information (EUR/CNY -0.32%), a search bar, and a system tray showing the date and time (12:07, 02/10/2023).

2. Instalar Git.



Carla Maceiras López

Mensaxe

Detalles do usuario

Enderezo de correo

[ue12357@edu.xunta.gal](mailto:ue12357@edu.xunta.gal) (Agochado para todos)

País

España

Fuso horario

Europe/Madrid

Detalles do curso

Perfiles do curso

[15021482. CSIFC03. MP0612. Desenvolvemento de aplicacións](#)

[15021482. CSIFC03. MP0613. Desenvolvemento de aplicacións](#)

[15021482. CSIFC03. MP0614. Despregamento de aplicacións](#)

[15021482. CSIFC03. MP0485. Programación de aplicacións](#)

[15021482. Titoría do ciclo superior de desenvolvemento de aplicacións](#)


Varios

[Comentarios do foro](#)

Windows PowerShell

Terminal Windows se puede establecer como la aplicación de terminal predeterminada en la configuración. [Abrir Configuración](#)

```
PS C:\Users\karli> git -v
git version 2.38.1.windows.1
PS C:\Users\karli>
```



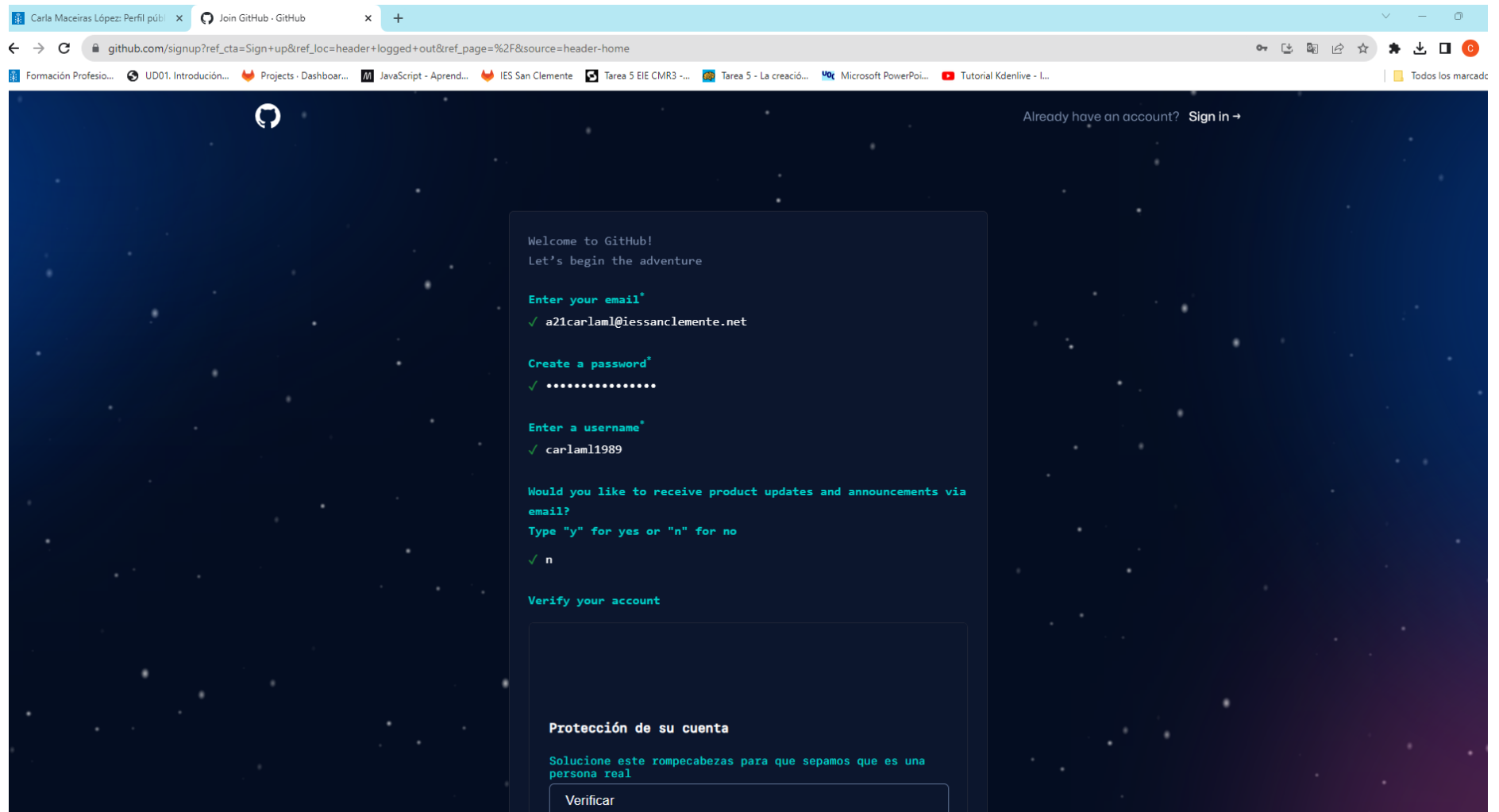
Último acceso ao sitio

[luns, 2 de outubro de 2023 11:23 AM \(13 mins 18 ago\) \(Saír\)](#)

Restaurar á páxina a configuración

...ción.

3.- Crearte unha conta en [GitHub](#) tal e como se recolle no documento de Recursos Complementarios.



The screenshot shows the GitHub sign-up page with a dark, starry background. The GitHub logo is in the top left, and a link to 'Sign in' is in the top right. The main content is a terminal window with the following text:

```
Welcome to GitHub!  
Let's begin the adventure  
  
Enter your email*  
✓ a21carlaml@iessanclemente.net  
  
Create a password*  
✓ .....  
  
Enter a username*  
✓ carlaml1989  
  
Would you like to receive product updates and announcements via email?  
Type "y" for yes or "n" for no  
✓ n  
  
Verify your account
```

Below the terminal window, there is a section titled 'Protección de su cuenta' (Account Protection) with the text 'Solucione este rompecabezas para que sepamos que es una persona real' (Solve this puzzle so we know you are a real person). A button labeled 'Verificar' (Verify) is visible at the bottom of this section.

<https://github.com/carlam1989>

Carla Maceiras López: Perfil públi x carlam1989

github.com/carlam1989

Formación Profesio... UD01. Introdución... Projects - Dashboar... JavaScript - Aprend... IES San Clemente Tarea 5 EIE CMR3 ~... Tarea 5 - La creació... Microsoft PowerPoi... Tutorial Kdenlive - I... Todos los marcadores

carlam1989

Overview Repositories Projects Packages Stars

Popular repositories

You don't have any public repositories yet.

1 contribution in the last year

Contribution settings

Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

Mon

Wed

Fri

Learn how we count contributions

Less More

This is your **contribution graph**. Your first square is for joining GitHub and you'll earn more as you make [additional contributions](#). More contributions means a higher contrast square color for that day. Over time, your chart might start looking [something like this](#).

We have a quick guide that will show you how to create your first repository and earn more green squares!

[Read the Hello World guide](#)

Contribution activity

2023

October 2023

Joined GitHub

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (\*).

Owner \*

Repository name \*

pruebas is available.

Great repository names are short and memorable. Need inspiration? How about [miniature-octo-computing-machine](#) ?

Description (optional)

- ☐ **Public**  
Anyone on the internet can see this repository. You choose who can commit.
- ☒ **Private**  
You choose who can see and commit to this repository.

Initialize this repository with:

- ☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

You are creating a private repository in your personal account.

Como exemplo de cómo agregar a un colaborador, intentei engadir a conta do antigo profesor, tal e como se mostra no documento adxunto da tarefa, pero non é posible engadilo:

Carla Maceiras López: Perfil públi

Manage access

github.com/carlam1989/pruebas/settings/access

→ ↻ 🔍 📄 📁 📌 ⚙️ ⬇️ 📧

Formación Profesio... UD01. Introdución... Projects · Dashboar... JavaScript · Aprend... IES San Clemente Tarea 5 EIE CMR3 -... Tarea 5 - La creació... Microsoft PowerPoi... Tutorial Kdenlive - I... Todos los marc

carlam1989 / pruebas

🔍 Type to search

+ ▾ ⌂ ↺ ⌂

Code 🔗 Issues 🔗 Pull requests 🔗 Actions 🔗 Projects 🔗 Security 🔗 Insights 🔗 Settings 🔗

General 🔗

Access 🔗

**Collaborators 🔗**

Code and automation 🔗

Rules 🔗

Actions 🔗

Webhooks 🔗

Codespaces 🔗

Pages 🔗

Security 🔗

Code security and analysis 🔗

Deploy keys 🔗


Secrets and variables 🔗

Integrations 🔗

GitHub Apps 🔗

Email notifications 🔗


✕



Add a collaborator to pruebas

Could not find a GitHub account matching msanfrutos

Select a collaborator above



You haven't invited any collaborators yet


Add people

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Terms Privacy Security Status Docs Contact GitHub Pricing API Training Blog About



4.- Instalar node, nvm, npm,... tal e como se recolle no documento de Recursos Complementarios.



## Carla Maceiras López

Mensaxe

Restaurar á páxina a c

### Detalles do usuario

**Enderezo de correo**  
[ue12357@edu.xunta.gal](mailto:ue12357@edu.xunta.gal) (Agochado para todos, a

**País**  
España

**Fuso horario**  
Europe/Madrid

### Detalles do curso

**Perfiles do curso**

- [15021482. CSIFC03. MP0612. Desenvolvemento v](#)
- [15021482. CSIFC03. MP0613. Desenvolvemento v](#)
- [15021482. CSIFC03. MP0614. Despregamento de](#)
- [15021482. CSIFC03. MP0485. Programación. 202](#)
- [15021482. Titoría do ciclo superior de desenvolv](#)

### Varios

[Comentarios do foro](#)

Administrador: Windows Pow

```
PS C:\Users\karli> npm -v
8.19.2
PS C:\Users\karli> node -v
v18.12.1
PS C:\Users\karli> nvm -v
1.1.10
PS C:\Users\karli>
```

Último acceso ao sitio

5. Crea un “Ola Mundo” ben sinxelo en Javascript e, tamén, en [Typescript](#).

Instalación de Typescript a nivel global:

[Restaurar á](#)**Carla Maceiras López** Mensaxe

Detalles do usuario

**Enderezo de correo**[ue12357@edu.xunta.gal](mailto:ue12357@edu.xunta.gal)

permisos axeitados)

**País**

España

**Fuso horario**

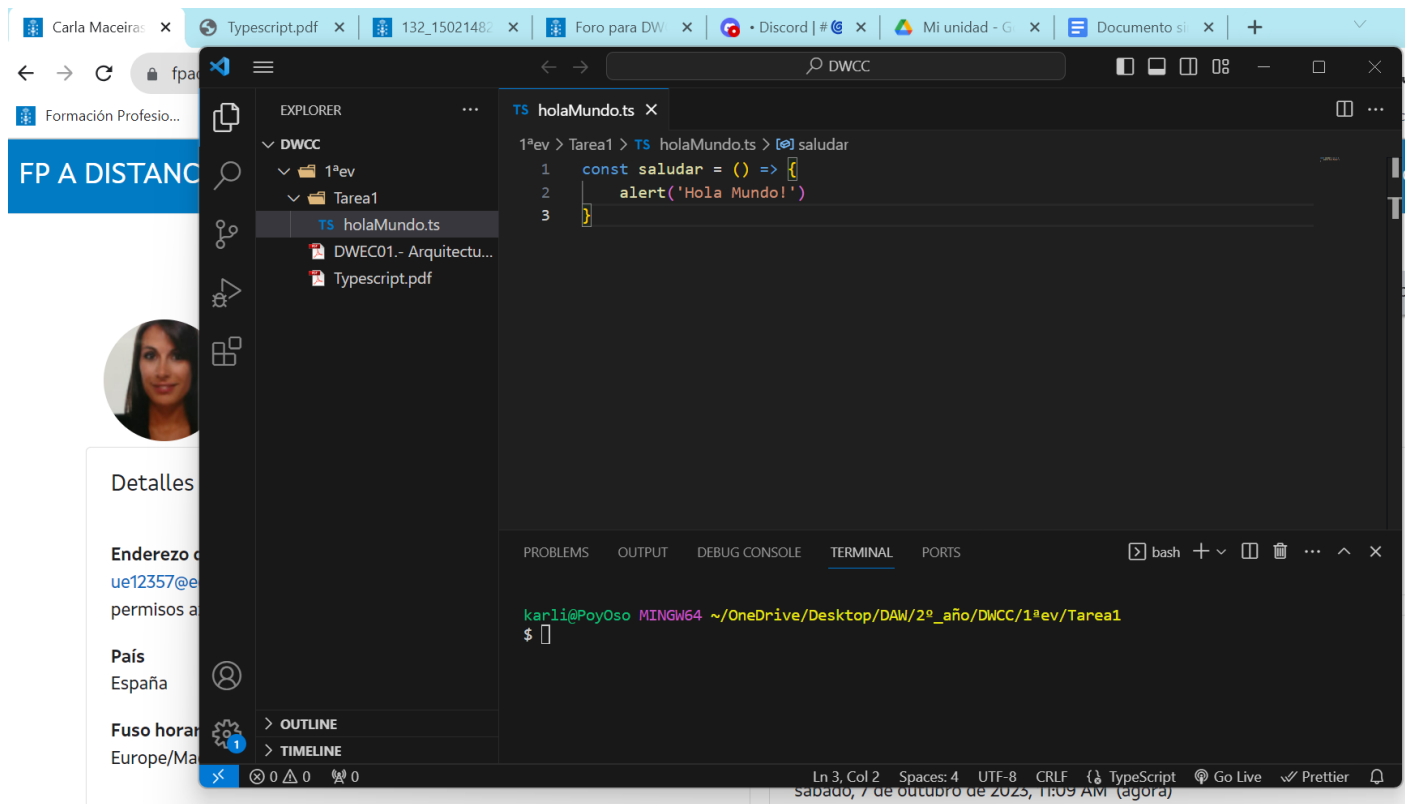
Europe/Madrid

```
MINGW64:/c/Users/karli
karli@PoyOso MINGW64 ~
$ tsc --version
Version 5.2.2
karli@PoyOso MINGW64 ~
$ |
```

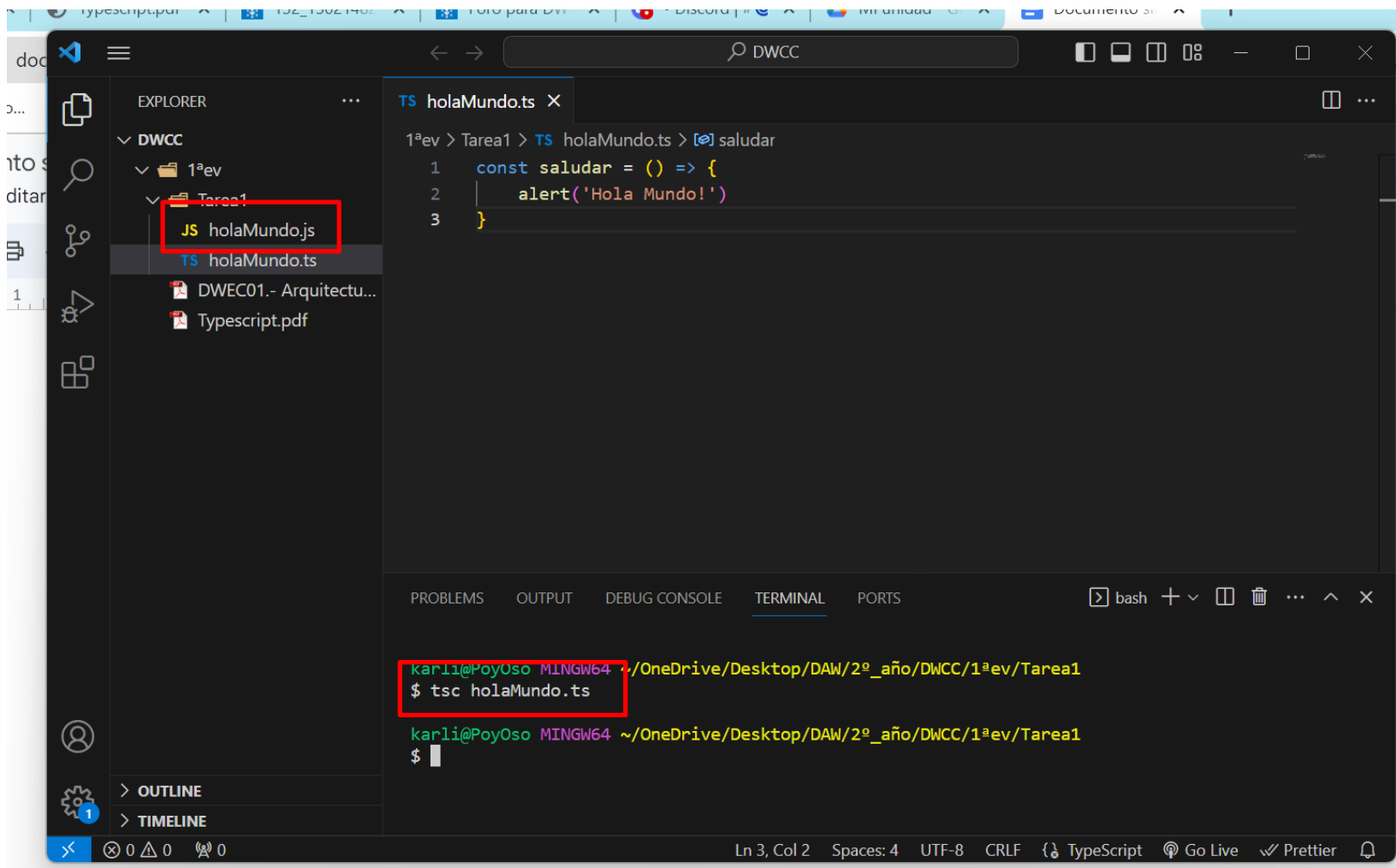
20, 16:4

Sabado, 7 de outubro de 2017, 11:09 A

Creo un ficheiro .ts coa función saludar() para que cada vez que se invoque, apareza un alert co “Hola Mundo”:




O compilo e xa se crea o .js:



Agora creo un HTML moi sinxelo para mostrar ese alert cando se prema un botón:

Formación Profesio...UD

FP A DISTANCIA



Detalles do us

Enderezo de cor

ue12357@edu.xun

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País

España

Fuso horario

Europe/Madrid

DWCC

1ªev

Tarea1

JS holaMundo.js

TS holaMundo.ts

index.html

DWEC01.- Arquitectu...

Typescript.pdf

OUTLINE

TIMELINE

index.html

JS holaMundo.js

1ªev > Tarea1 > index.html > html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Hola Mundo DWCC</title>
7   <script src="holaMundo.js"></script>
8 </head>
9 <body>
10   <h1>Hola Mundo desde DWCC</h1>
11   <Button onclick="saludar()">Saludar</Button>
12 </body>
13 </html>
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

bash

karli@PoyOso MINGW64 ~/OneDrive/Desktop/DAW/2º\_año/DWCC/1ªev/Tarea1

\$ tsc holaMundo.ts

karli@PoyOso MINGW64 ~/OneDrive/Desktop/DAW/2º\_año/DWCC/1ªev/Tarea1

\$

Ln 13, Col 8

Spaces: 4

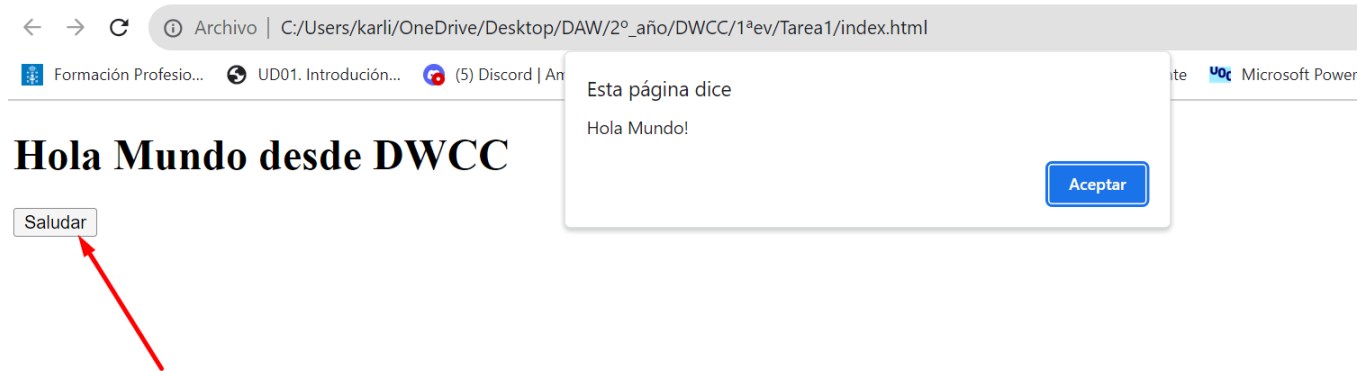
UTF-8

CRLF

{ } HTML

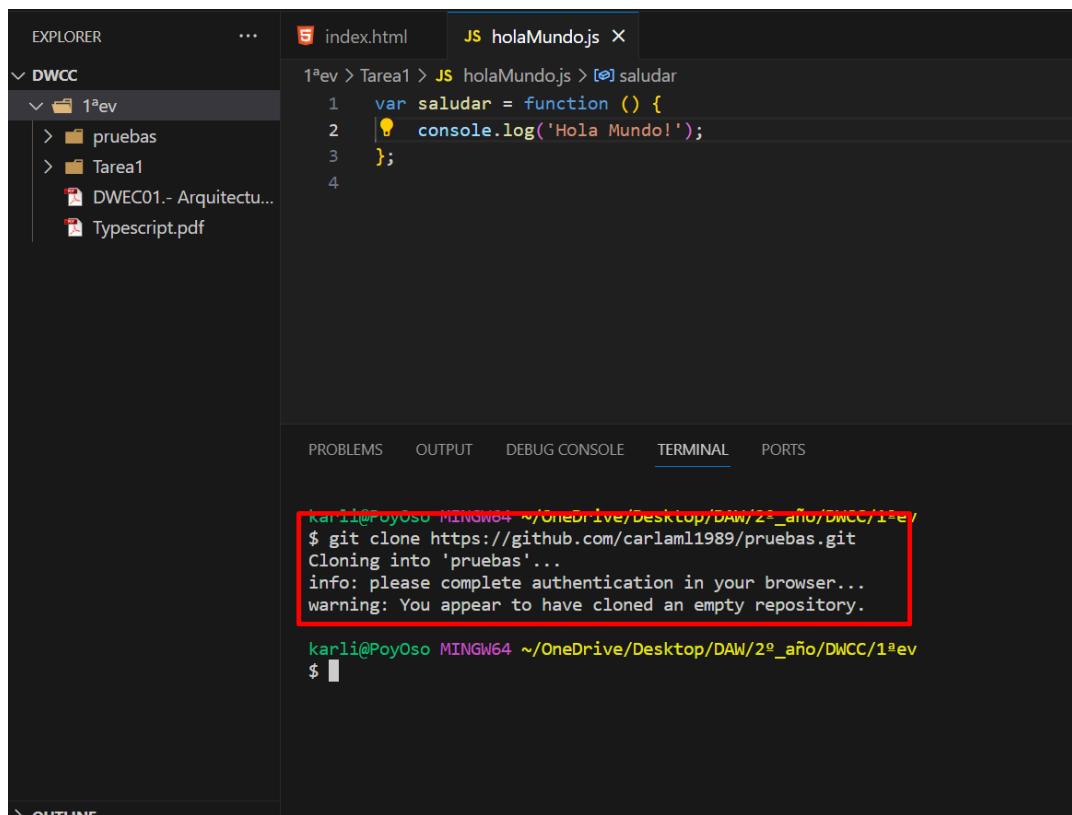
Go Live

Prettier



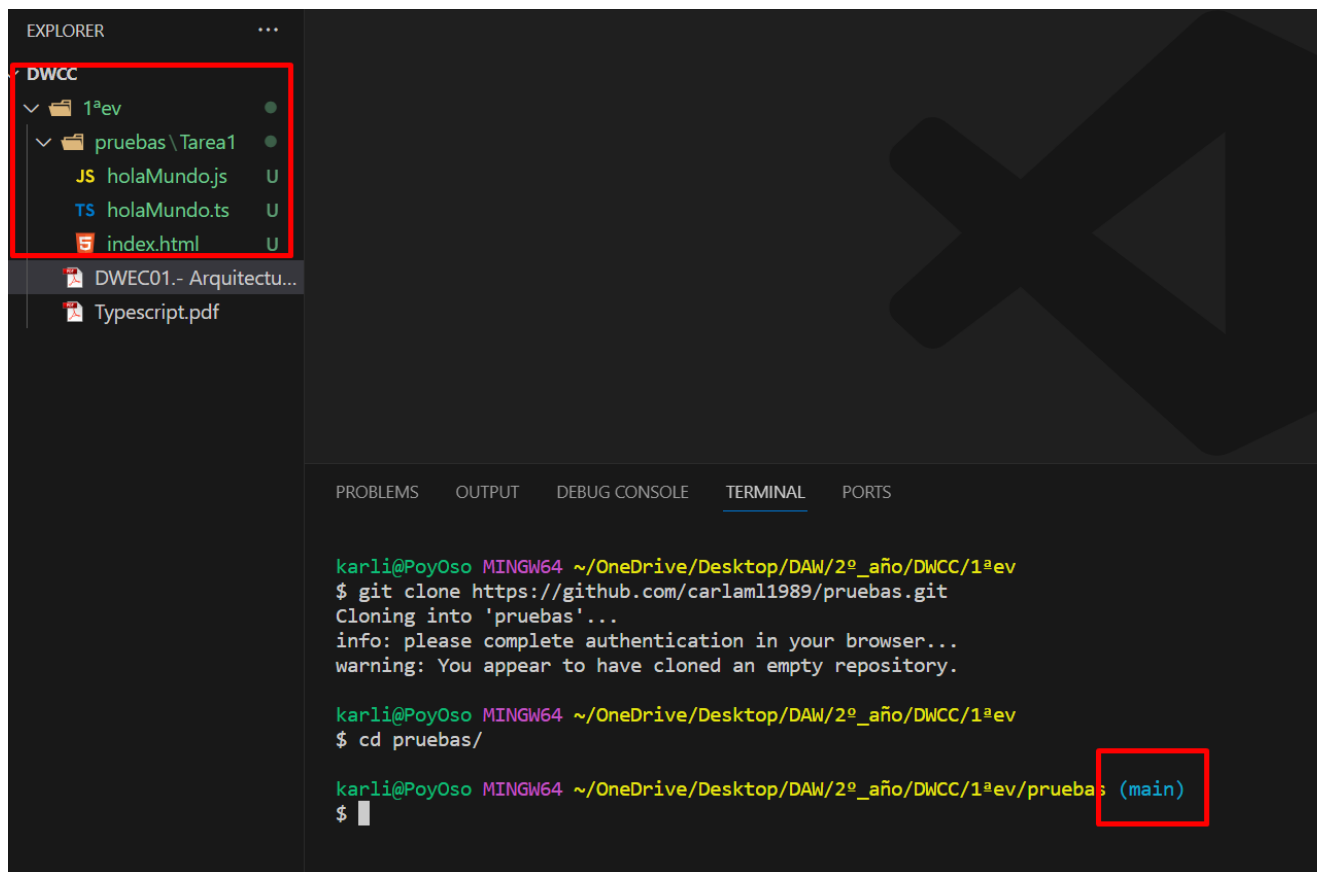
6. Eres capaz de enlazar o repositorio de [GitHub](#) anterior ao Visual Studio Code?

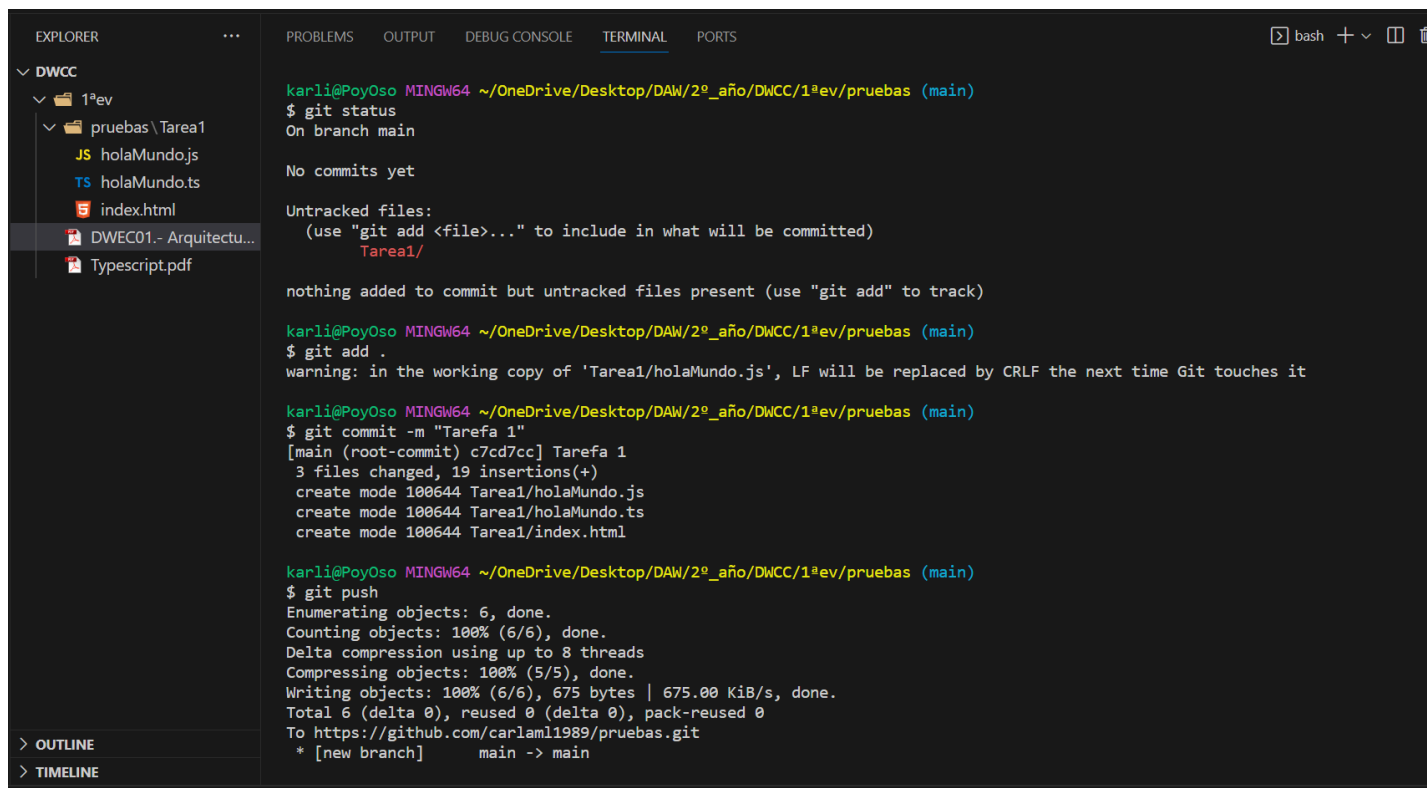
Primero clonei o repositorio remoto “Pruebas” de Github:



Agora incluirei a tarefa e a subirei ao repositório:







The image shows a VS Code interface with a terminal window open. The Explorer sidebar on the left shows a project structure with folders '1ªev' and 'pruebas\Tarea1'. The 'pruebas\Tarea1' folder contains files 'holaMundo.js', 'holaMundo.ts', and 'index.html'. The terminal window shows the following commands and output:

```
karli@PoyOso MINGW64 ~/OneDrive/Desktop/DAW/2º_año/DWCC/1ªev/pruebas (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Tarea1/

nothing added to commit but untracked files present (use "git add" to track)

karli@PoyOso MINGW64 ~/OneDrive/Desktop/DAW/2º_año/DWCC/1ªev/pruebas (main)
$ git add .
warning: in the working copy of 'Tarea1/holaMundo.js', LF will be replaced by CRLF the next time Git touches it

karli@PoyOso MINGW64 ~/OneDrive/Desktop/DAW/2º_año/DWCC/1ªev/pruebas (main)
$ git commit -m "Tarefa 1"
[main (root-commit) c7cd7cc] Tarefa 1
3 files changed, 19 insertions(+)
create mode 100644 Tarea1/holaMundo.js
create mode 100644 Tarea1/holaMundo.ts
create mode 100644 Tarea1/index.html

karli@PoyOso MINGW64 ~/OneDrive/Desktop/DAW/2º_año/DWCC/1ªev/pruebas (main)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 675 bytes | 675.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/carlam11989/pruebas.git
 * [new branch]      main -> main
```

Xa teño no meu Github a Tarefa 1:

carlam1989 / pruebas

Type to search

>

+

<>

Code

Issues

Pull requests

Actions

Projects

Security

Insights

Settings

Files

main

Go to file

Tarea1

holaMundo.js

holaMundo.ts

index.html

[Documentation](#) • [Share feedback](#)

pruebas / Tarea1

Add file

CarlaMaceiras Tarefa 1

c7cd7cc · 1 minute ago

History

Name	Last commit message	Last commit date
..		
holaMundo.js	Tarefa 1	1 minute ago
holaMundo.ts	Tarefa 1	1 minute ago
index.html	Tarefa 1	1 minute ago