

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git init
Initialized empty Git repository in C:/Users/Kaladin/Downloads/PracticaGit/.git/
PS C:\Users\Kaladin\Downloads\PracticaGit> git init
Initialized empty Git repository in C:/Users/Kaladin/Downloads/PracticaGit/.git/
PS C:\Users\Kaladin\Downloads\PracticaGit>
```

Inicio mi repositorio Git.

## Create a new repository


Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).

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

1

### General

Owner \*

 Kaladin000

Repository name \*

PracticaGit

✔ PracticaGit is available.

Great repository names are short and memorable. How about **shiny-dollop**?

Description


0 / 350 characters

2

### Configuration

Choose visibility \*

Choose who can see and commit to this repository

 Private

Add README

READMEs can be used as longer descriptions. [About READMEs](#)

Off ☐

Add .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

No .gitignore

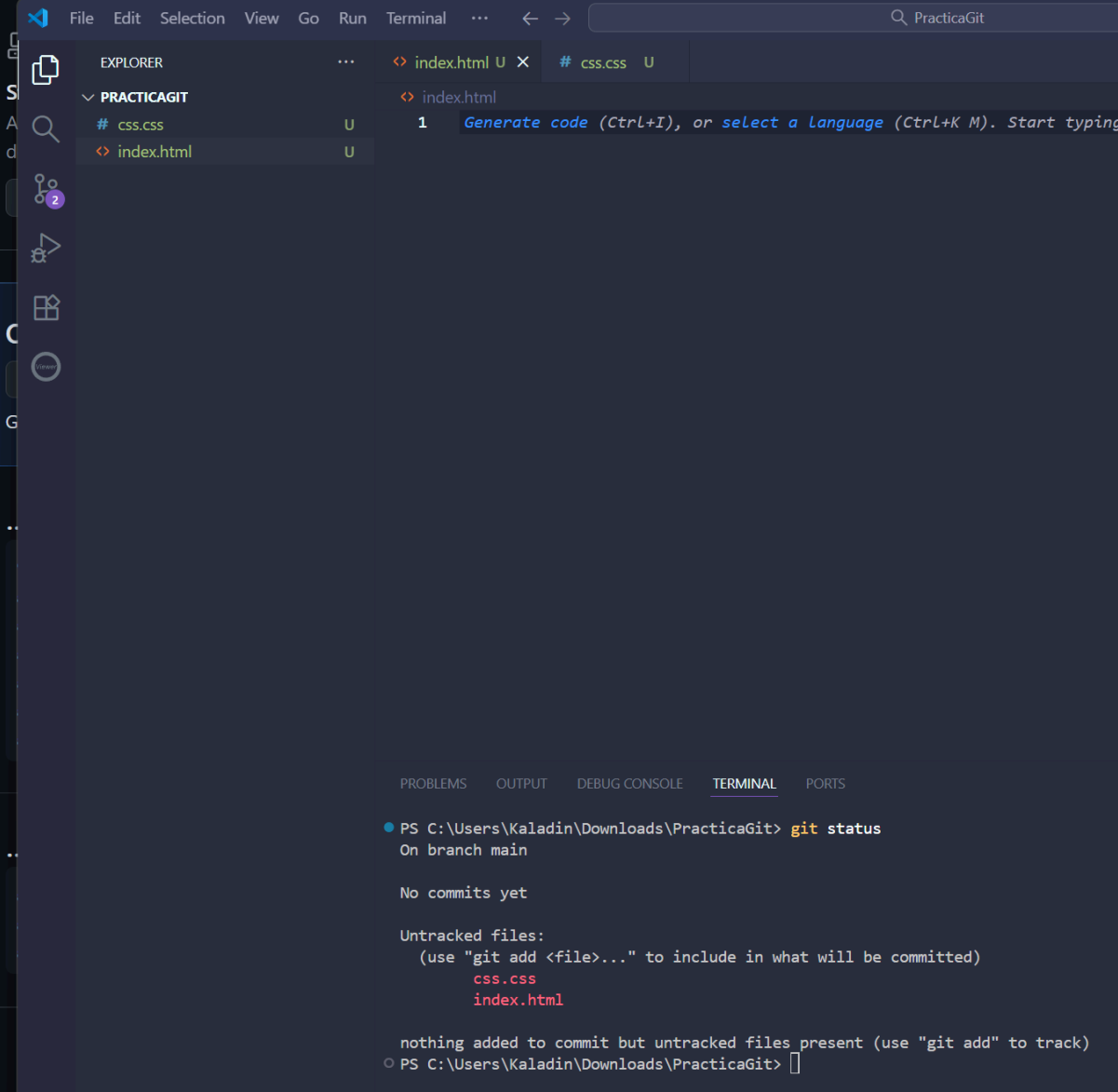
Add license

Licenses explain how others can use your code. [About licenses](#)

No license

Create repository

Creo un nuevo repositorio.



The screenshot shows the Visual Studio Code interface with a new project named 'PracticaGit'. The Explorer sidebar on the left shows the file structure with 'css.css' and 'index.html' files. The main editor area is empty, showing a prompt to generate code or select a language. The Terminal at the bottom shows the following commands and output:

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git status
On branch main

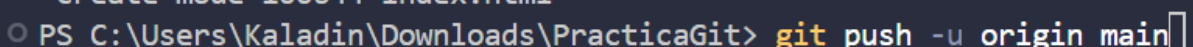
No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Kaladin\Downloads\PracticaGit>

PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir archivos base"
[main (root-commit) 36f5792] añadir archivos base
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 css.css
 create mode 100644 index.html
PS C:\Users\Kaladin\Downloads\PracticaGit>
```

Creo los archivos css y index, los agrego al git y hago el commit.



```
PS C:\Users\Kaladin\Downloads\PracticaGit> git push -u origin main
```

Subo mis primeros archivos al repositorio de GitHub.

```
.gitignore
1 *.log
2 cache/
3 dev/
```

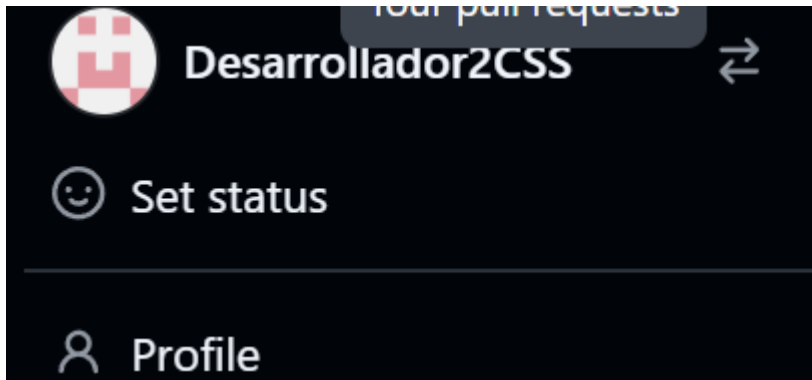
```
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .gitignore
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir git ignore"
[main 409fc56] añadir git ignore
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 .gitignore
○ PS C:\Users\Kaladin\Downloads\PracticaGit> █
```

Añado el git ignore.

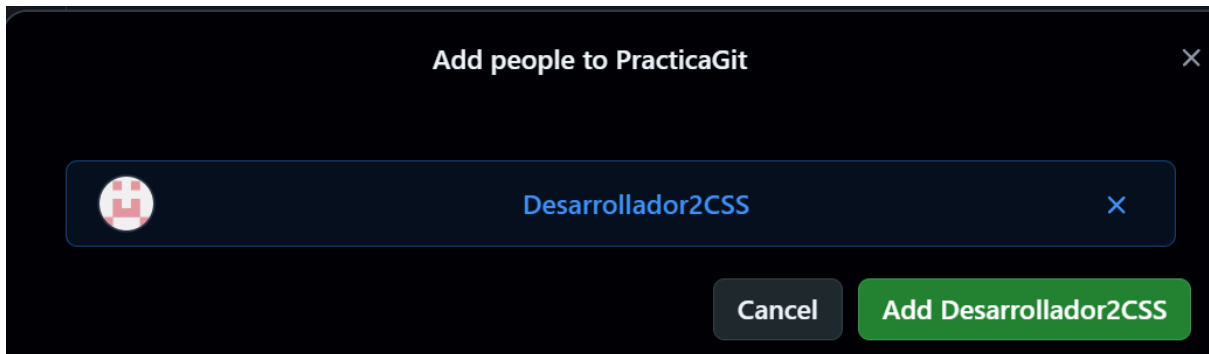
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

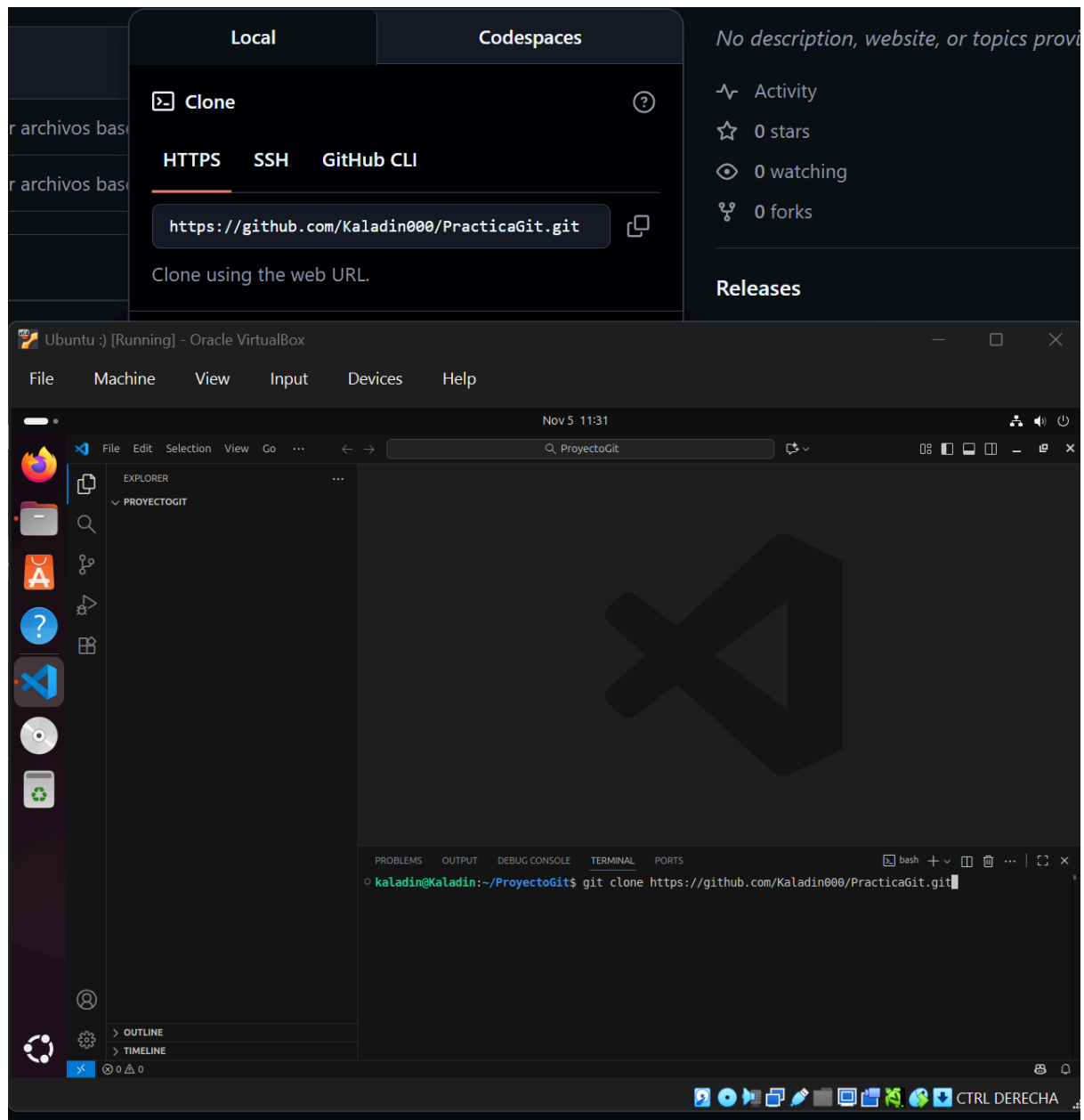
PS C:\Users\Kaladin\Downloads\PracticaGit> git branch developer
⊗ PS C:\Users\Kaladin\Downloads\PracticaGit> git branch -a developer
fatal: the -a, and -r, options to 'git branch' do not take a branch name.
Did you mean to use: -a|-r --list <pattern>?
● PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout developer
Switched to branch 'developer'
● PS C:\Users\Kaladin\Downloads\PracticaGit> git push origin developer
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 573 bytes | 573.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'developer' on GitHub by visiting:
remote:   https://github.com/Kaladin000/PracticaGit/pull/new/developer
remote:
To https://github.com/Kaladin000/PracticaGit.git
 * [new branch]      developer -> developer
💡 PS C:\Users\Kaladin\Downloads\PracticaGit> █
```

Añado la rama developer.



Creo una nueva cuenta de GitHub para el segundo desarrollador.





Clono el repositorio a la máquina virtual.

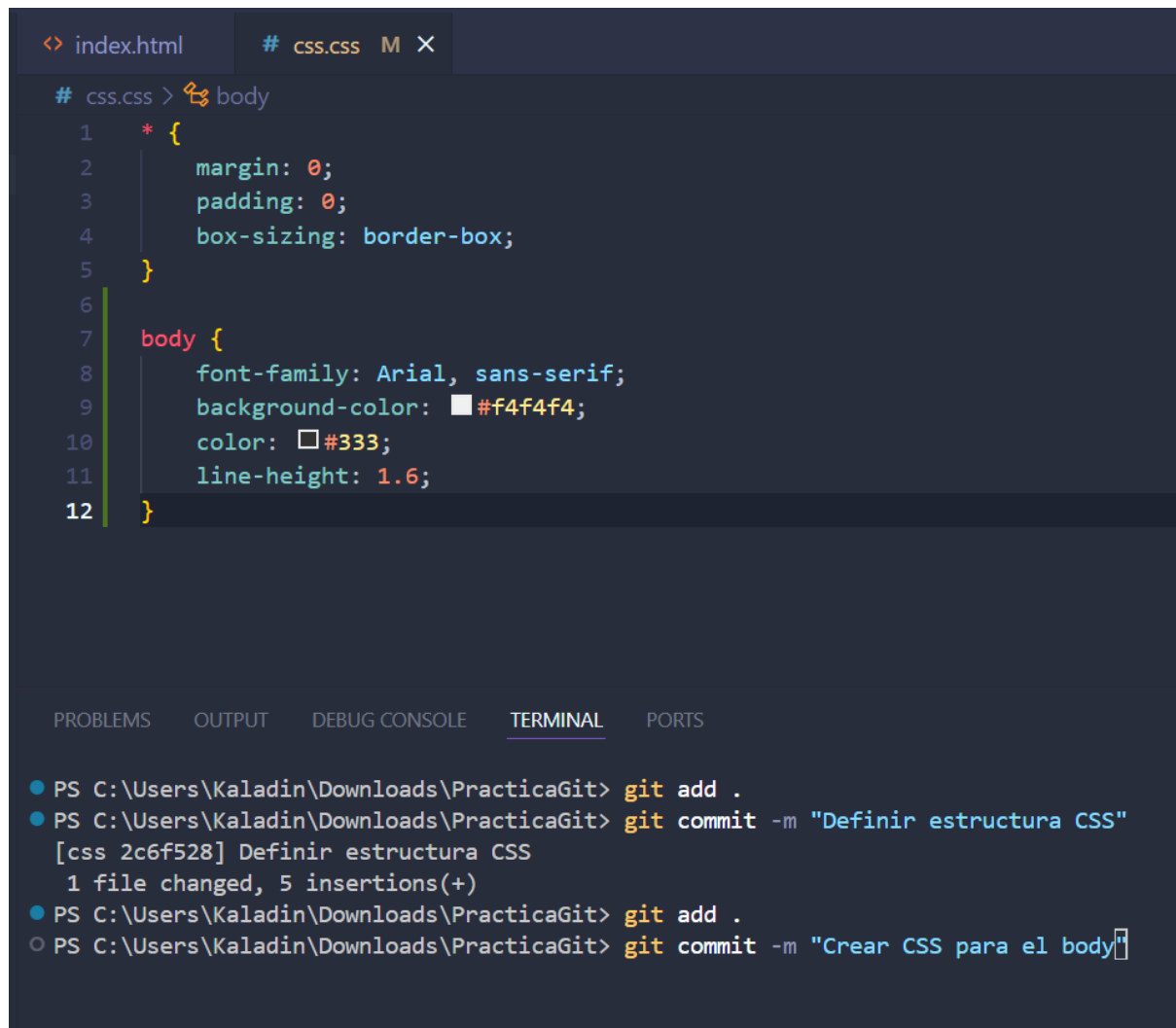
```
kaladin@Kaladin:~/ProyectoGit/PracticaGit$ git checkout developer
branch 'developer' set up to track 'origin/developer'.
Switched to a new branch 'developer'
kaladin@Kaladin:~/ProyectoGit/PracticaGit$ git checkout -b css
Switched to a new branch 'css'
kaladin@Kaladin:~/ProyectoGit/PracticaGit$
```

Creo una nueva rama, css.

(He tenido muchos problemas para usar la máquina virtual de ubuntu con git, he creado un token, he creado un ssh, no me van las conexiones, así que he decidido hacer todo en partes separadas pero en el mismo ordenador, los comandos van a ser los mismos y el proceso de tener otro usuario que añada cosas ya está hecho)

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git push origin css
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'css' on GitHub by visiting:
remote:   https://github.com/Kaladin000/PracticaGit/pull/new/css
remote:
To https://github.com/Kaladin000/PracticaGit.git
 * [new branch]      css -> css
PS C:\Users\Kaladin\Downloads\PracticaGit>
```

Subo la rama css.



The screenshot shows a code editor with two tabs: 'index.html' and '# css.css M X'. The '# css.css' tab is active, displaying CSS code for a 'body' element. The code includes a reset for margin, padding, and box-sizing, followed by specific styling for the body: font-family (Arial, sans-serif), background-color (#f4f4f4), color (#333), and line-height (1.6).

Below the code editor is a terminal window with the following output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Definir estructura CSS"
[css 2c6f528] Definir estructura CSS
1 file changed, 5 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
○ PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Crear CSS para el body"
```

```

14 header {
15     background: #35424a;
16     color: #ffffff;
17     padding: 20px 0;
18     text-align: center;
19 }

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```

● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Definir estructura CSS"
[css 2c6f528] Definir estructura CSS
 1 file changed, 5 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Crear CSS para el body"
[css ed07319] Crear CSS para el body
 1 file changed, 7 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
○ PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Crear CSS Cabecera"

```

FUNCIONALIDAD 1 CSS.

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```

PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout developer
Already on 'developer'
● PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout -b html
Switched to a new branch 'html'
● PS C:\Users\Kaladin\Downloads\PracticaGit> git push origin html
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'html' on GitHub by visiting:
remote:     https://github.com/Kaladin000/PracticaGit/pull/new/html
remote:
To https://github.com/Kaladin000/PracticaGit.git
 * [new branch]      html -> html
💡 PS C:\Users\Kaladin\Downloads\PracticaGit> 

```

Creo la nueva rama html.

```
<> index.html X # css.css

<> index.html > html
1  <html>
2
3  </html>

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "definir la estructura del html"
[html 1e62a9b] definir la estructura del html
1 file changed, 3 insertions(+)
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

```
<> index.html X # css.css

<> index.html > html > footer
1  <html>
2      <head>
3          <link rel="stylesheet" href="css.css">
4          <title>Practica Git</title>
5      </head>
6      <footer>
7          <h1>Practica Git</h1>
8          <p>Esta es una practica de Git</p>
9      </footer>
10 </html>

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "definir la estructura del html"
[html 1e62a9b] definir la estructura del html
1 file changed, 3 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "definir la cabecera y footer"
[html 3b602dc] definir la cabecera y footer
1 file changed, 8 insertions(+), 1 deletion(-)
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```



```
<> index.html X # css.css
<> index.html > html > body > p
1  <html>
2      <head>
3          <link rel="stylesheet" href="css.css">
4          <title>Practica Git</title>
5      </head>
6      <footer>
7          <h1>Practica Git</h1>
8          <p>Esta es una practica de Git</p>
9      </footer>
10     <body>
11         <h2>Hola Mundo</h2>
12         <p>Este es un archivo de practica para Git</p>
13     </body>
14 </html>

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "definir la estructura del html"
[html 1e62a9b] definir la estructura del html
1 file changed, 3 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "definir la cabecera y footer"
[html 3b602dc] definir la cabecera y footer
1 file changed, 8 insertions(+), 1 deletion(-)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "definir body"
[html 2076599] definir body
1 file changed, 4 insertions(+)
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

## FUNCIONALIDAD 1 HTML.

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 2 commits.
(use "git push" to publish your local commits)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git merge html
Updating 4578a46..2076599
Fast-forward
 index.html | 14 ++++++++
1 file changed, 14 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git push
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (9/9), 956 bytes | 956.00 KiB/s, done.
Total 9 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
To https://github.com/Kaladin000/PracticaGit.git
36f5792..2076599 main -> main
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

Subo los cambios de la rama html

```
<> index.html # css.css X
# CSS.CSS > *
1  * {
2      margin: 0;
3      padding: 0;
4      box-sizing: border-box;
5  }
6
7  body {
8      font-family: Arial, sans-serif;
9      background-color: #f4f4f4;
10     color: #333;
11     line-height: 1.6;
12 }
13
14 header {
15     background: #35424a;
16     color: #ffffff;
17     padding: 20px 0;
18 }
19
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\Kaladin\Downloads\PracticaGit> git merge css
Merge made by the 'ort' strategy.
css.css | 19 ++++++
1 file changed, 19 insertions(+)
PS C:\Users\Kaladin\Downloads\PracticaGit> git push
Enumerating objects: 15, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 12 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (11/11), 1.33 KiB | 1.33 MiB/s, done.
Total 11 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/Kaladin000/PracticaGit.git
2076599..a9f19ea main -> main
PS C:\Users\Kaladin\Downloads\PracticaGit>
```

Subo los cambios de la rama css.

```
21 p {
22     margin: 15px 0;
23     font-size: 16px;
24 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

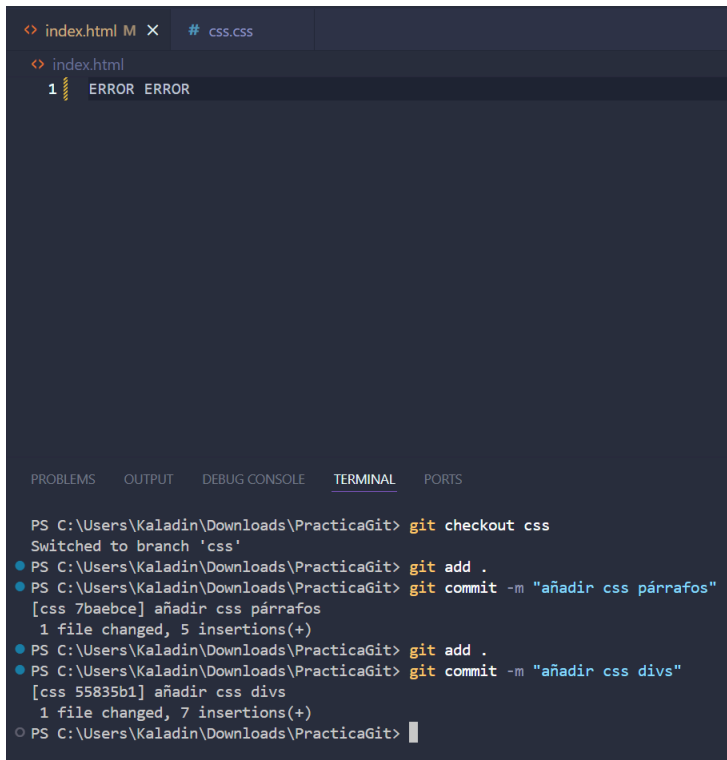
```
PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout css
Switched to branch 'css'
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir css párrafos"
[css 7baebce] añadir css párrafos
1 file changed, 5 insertions(+)
○ PS C:\Users\Kaladin\Downloads\PracticaGit> █
```

```
25
26 div {
27     margin: 20px;
28     padding: 20px;
29     background: #ffffff;
30     border: 1px solid #dddddd;
31 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout css
Switched to branch 'css'
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir css párrafos"
[css 7baebce] añadir css párrafos
1 file changed, 5 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir css divs"
[css 55835b1] añadir css divs
1 file changed, 7 insertions(+)
○ PS C:\Users\Kaladin\Downloads\PracticaGit> █
```

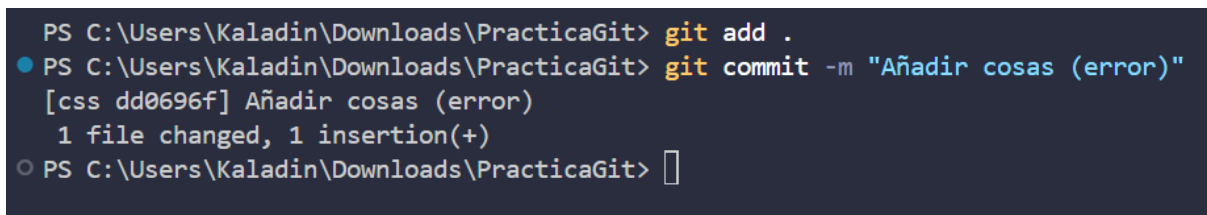
Hago dos commits para el mismo archivo css.



The image shows a Visual Studio Code editor window with two tabs: 'index.html' and 'css.css'. The 'css.css' tab is active, showing a single line of code with a yellow error icon and the text 'ERROR ERROR'. Below the editor, the 'TERMINAL' panel is open, displaying a series of git commands and their outputs in a PowerShell prompt.

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout css
Switched to branch 'css'
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir css párrafos"
[css 7baebce] añadir css párrafos
1 file changed, 5 insertions(+)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir css divs"
[css 55835b1] añadir css divs
1 file changed, 7 insertions(+)
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

Establezco una incongruencia para que ocurra más adelante.



The image shows a terminal window with a PowerShell prompt. It displays a series of git commands and their outputs, including a commit message that intentionally includes the word 'error' to create an inconsistency.

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Añadir cosas (error)"
[css dd0696f] Añadir cosas (error)
1 file changed, 1 insertion(+)
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

```
index.html X
index.html > html > body > div
1  <html>
2  <nead>
3  </nead>
4  </head>
5  <body>
6  <div>
7  <h1>Practica Git</h1>
8  <p>Esta es una practica de Git</p>
9  </div>
10 </body>
11 </html>
12
13
14
15
16

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

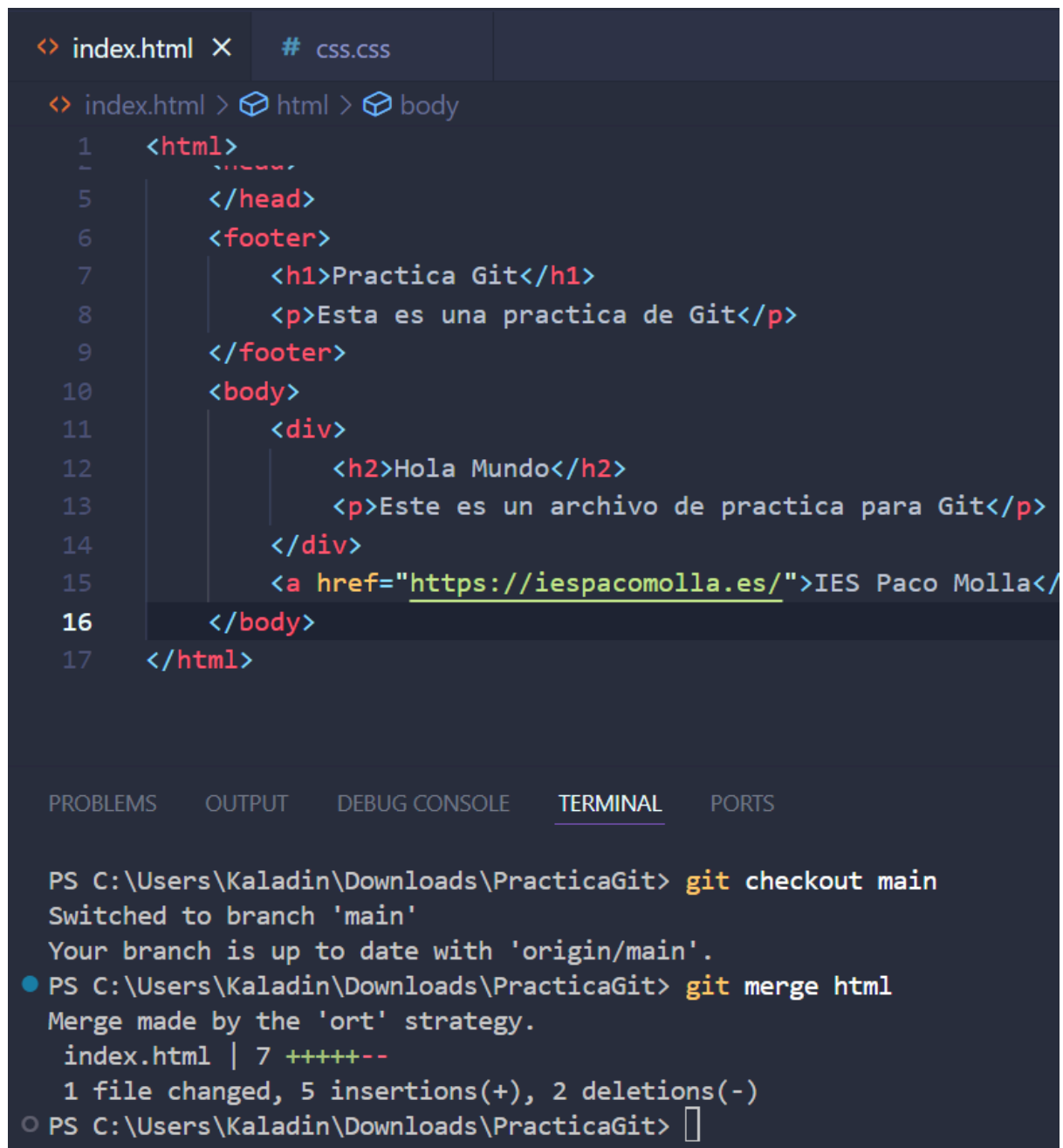
PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Añadir cosas (error)"
[css dd0696f] Añadir cosas (error)
1 file changed, 1 insertion(+)
PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout developer
Switched to branch 'developer'
PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout html
Switched to branch 'html'
PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Encapsular con un div"
[html 94fcbb1] Encapsular con un div
1 file changed, 4 insertions(+), 2 deletions(-)
PS C:\Users\Kaladin\Downloads\PracticaGit>
```

```
index.html X
index.html > html > body > a
1  <html>
2  </nead>
3  </head>
4  <body>
5  <div>
6  <h1>Practica Git</h1>
7  <p>Esta es una practica de Git</p>
8  </div>
9  <div>
10 <h2>Hola Mundo</h2>
11 <p>Este es un archivo de practica para Git</p>
12 </div>
13 <a href="https://iespacomolla.es/">IES Paco Molla</a>
14 </body>
15 </html>
16
17

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Kaladin\Downloads\PracticaGit> git add .
PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "Añadir enlace"
[html f7dcd5e] Añadir enlace
1 file changed, 1 insertion(+)
PS C:\Users\Kaladin\Downloads\PracticaGit>
```

Agrego la funcionalidad 2.



The image shows a Visual Studio Code editor window with two tabs: 'index.html' and '# css.css'. The 'index.html' tab is active, displaying an HTML document structure. The code is as follows:

```
1 <html>
2 <head>
3 </head>
4 <body>
5 </body>
6 <footer>
7 <h1>Practica Git</h1>
8 <p>Esta es una practica de Git</p>
9 </footer>
10 <body>
11 <div>
12 <h2>Hola Mundo</h2>
13 <p>Este es un archivo de practica para Git</p>
14 </div>
15 <a href="https://iespacomolla.es/">IES Paco Molla</a>
16 </body>
17 </html>
```

Below the editor, the 'TERMINAL' panel is open, showing the following commands and output:

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
● PS C:\Users\Kaladin\Downloads\PracticaGit> git merge html
Merge made by the 'ort' strategy.
index.html | 7 +++++--
1 file changed, 5 insertions(+), 2 deletions(-)
○ PS C:\Users\Kaladin\Downloads\PracticaGit>
```

Agrego al main la branch html.

```
<> index.html ! X # css.css M
<> index.html > ?
1 <<<<<< HEAD (Current Change)
3   <head>
6   </head>
7   <footer>
8     <h1>Practica Git</h1>
9     <p>Esta es una practica de Git</p>
10  </footer>
11  <body>
12    <div>
13      <h2>Hola Mundo</h2>
14      <p>Este es un archivo de practica para Git</p>
15    </div>
16    <a href="https://iespacomolla.es/">IES Paco Molla</a>
17  </body>
18 </html>
19 =====

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Kaladin\Downloads\PracticaGit> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
● PS C:\Users\Kaladin\Downloads\PracticaGit> git merge html
Merge made by the 'ort' strategy.
index.html | 7 +++++--
1 file changed, 5 insertions(+), 2 deletions(-)
● PS C:\Users\Kaladin\Downloads\PracticaGit> git merge css
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

Al hacer merge del css tenemos el error en cuestión.

```
<> index.html ! X # css.css M
<> index.html > ?
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
1 <<<<<< HEAD (Current Change)
2 <html>
3   <head>
4     <link rel="stylesheet" href="css.css">
5     <title>Practica Git</title>
6   </head>
7   <footer>
8     <h1>Practica Git</h1>
9     <p>Esta es una practica de Git</p>
10  </footer>
11  <body>
12    <div>
13      <h2>Hola Mundo</h2>
14      <p>Este es un archivo de practica para Git</p>
15    </div>
16    <a href="https://iespacomolla.es/">IES Paco Molla</a>
17  </body>
18 </html>
19 =====
20 ERROR ERROR
21 >>>>>> css (Incoming Change)
```

Acepto el Current Change.

```
...  <> index.html X
<> index.html > html > body
1  <html>
2  <head>
3  <link rel="stylesheet" href="css.css">
4  <title>Practica Git</title>
5  </head>
6  <footer>
7  <h1>Practica Git</h1>
8  <p>Esta es una practica de Git</p>
9  </footer>
10 <body>
11 <div>
12 <h2>Hola Mundo</h2>
13 <p>Este es un archivo de practica para Git</p>
14 </div>
15 <a href="https://iespacomolla.es/">IES Paco Molla</a>
16 </body>
17 </html>

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "arreglar error"
[main e5c64b9] arreglar error
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

Así ya tendríamos el proyecto hecho.

```
PS C:\Users\Kaladin\Downloads\PracticaGit> git branch -d html
Deleted branch html (was f7dcd5e).
● PS C:\Users\Kaladin\Downloads\PracticaGit> git branch -d css
Deleted branch css (was dd0696f).
⊗ PS C:\Users\Kaladin\Downloads\PracticaGit> git push origin -- delete html
error: src refspec delete does not match any
error: src refspec html does not match any
error: failed to push some refs to 'https://github.com/Kaladin000/PracticaGit.git'
● PS C:\Users\Kaladin\Downloads\PracticaGit> git push origin --delete html
To https://github.com/Kaladin000/PracticaGit.git
- [deleted]      html
● PS C:\Users\Kaladin\Downloads\PracticaGit> git push origin --delete css
To https://github.com/Kaladin000/PracticaGit.git
- [deleted]      css
○ PS C:\Users\Kaladin\Downloads\PracticaGit> 
```

Borro las branches html y css.