

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

Inicio mi repositorio Git.

The screenshot shows the GitHub interface for creating a new repository. It's a dark-themed page with two main sections: 'General' and 'Configuration'.
General Section:
- **Owner:** Kaladin000
- **Repository name:** PracticaGit (highlighted in green)
- A note says: "PracticaGit is available."
- Below it, there's a text input for 'Description' with the placeholder "Great repository names are short and memorable. How about shiny-dollop?" and a character count of "0 / 350 characters".
Configuration Section:
- **Choose visibility:** Private (selected)
- **Add README:** Off (switch is off)
- **Add .gitignore:** No .gitignore (selected)
- **Add license:** No license (selected)
At the bottom right, there's a large green button labeled "Create repository".

Creo un nuevo repositorio.

The screenshot shows the Visual Studio Code (VS Code) interface in dark mode. The Explorer sidebar on the left lists a folder named 'PRACTICAGIT' containing two files: '# css.css' and 'index.html'. The workspace area shows the same two files. At the top, there are tabs for 'index.html U' and '# css.css U'. A status bar at the bottom of the workspace says 'Generate code (Ctrl+I), or select a Language (Ctrl+K M). Start typing'. Below the workspace, a navigation bar has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined), and PORTS. The TERMINAL tab displays a PowerShell session (PS) with 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> 
```

Below the terminal, another session is shown:

```
● 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/
```

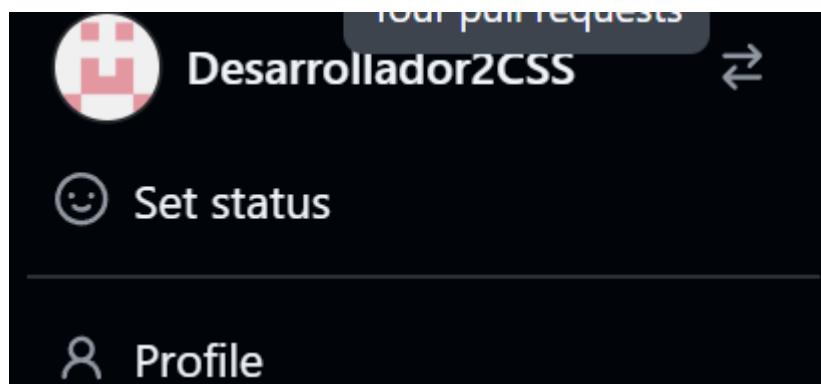
```
● PS C:\Users\Kaladin\Downloads\PracticaGit> git add .gitignore
● PS C:\Users\Kaladin\Downloads\PracticaGit> git commit -m "añadir git ignore"
[main 409fc56] añadir git ignore
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 .gitignore
○ PS C:\Users\Kaladin\Downloads\PracticaGit>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

Añado el git ignore.

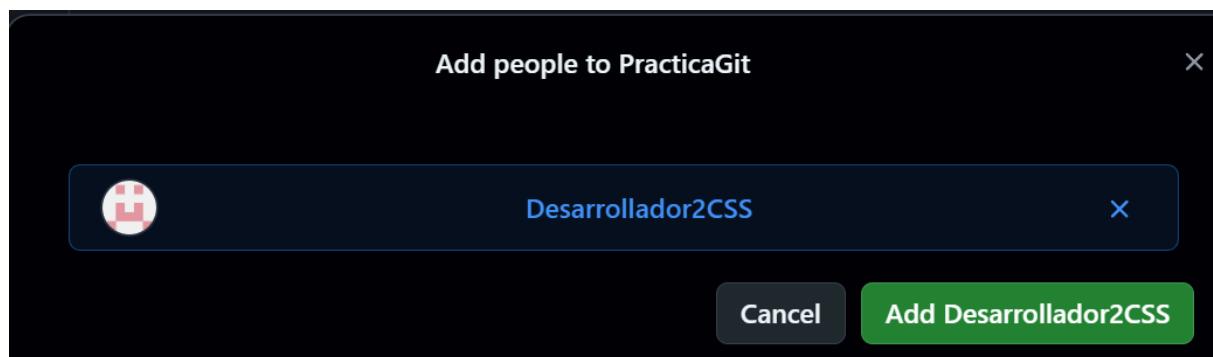
```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

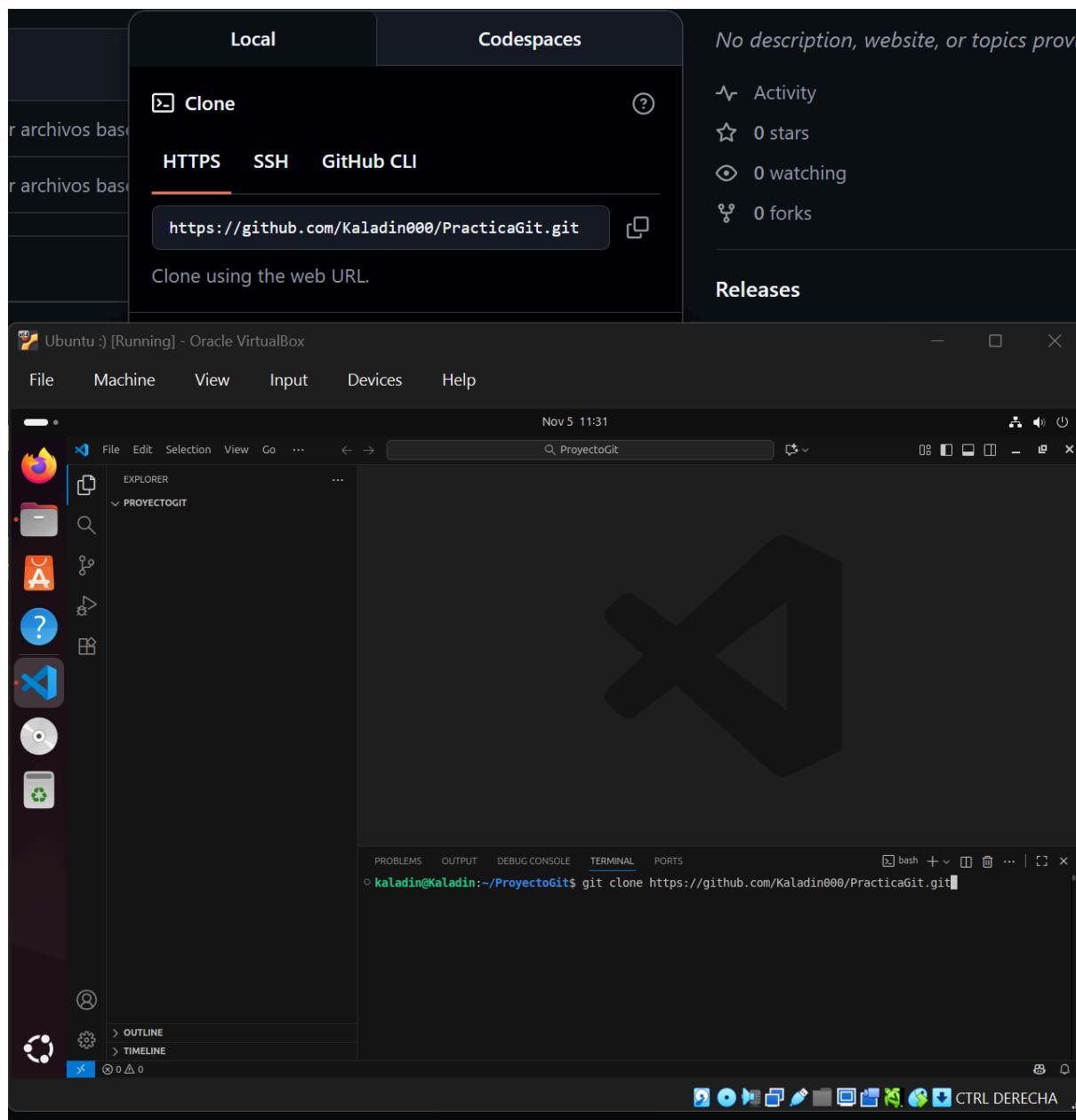
PS C:\Users\Kaladin\Downloads\PracticaGit> git branch developer
⊗ PS C:\Users\Kaladin\Downloads\PracticaGit> git branch -a developer
fatal: the -a, and -r, options to 'git branch' do not take a branch name.
Did you mean to use: -a|-r --list <pattern>?
● PS C:\Users\Kaladin\Downloads\PracticaGit> git 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 a dark theme. A file named 'index.html' is open, containing the following CSS code:

```
# css.css > body
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 }
```

Below the code editor, there is a navigation bar with tabs: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined, indicating it is active), and 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> []
```

The screenshot shows the Visual Studio Code interface. At the top, there are two tabs: 'index.html' and '# css.css'. Below them is a tree view showing the file structure: index.html > html > body > p. The code editor displays the following HTML content:

```
<html>
  <head>
    <link rel="stylesheet" href="css.css">
    <title>Practica Git</title>
  </head>
  <body>
    <h1>Practica Git</h1>
    <p>Esta es una practica de Git</p>
  </body>
<html>
```

Below the code editor, there are several tabs: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab is selected and contains the following git commit history:

- 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(+)

FUNCIONALIDAD 1 HTML.

The terminal window shows the following command sequence:

```
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

The screenshot shows a code editor with two tabs: 'index.html' and '# css.css'. The '# css.css' tab is active, displaying the following CSS code:

```
# 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.  
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
```

Below the code editor is a terminal window showing the following git commands:

- 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 screenshot shows the VS Code interface with the terminal tab selected. The terminal window displays a command-line session:

```
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 screenshot shows the VS Code interface with the terminal tab selected. The terminal window displays a command-line session:

```
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 >
  < index.html > < html > < body > < div >
    1   < html>
    2     < head>
    3   </head>
    4   < footer>
    5     < h1>Practica Git</h1>
    6     < p>Esta es una practica de Git</p>
    7   </footer>
    8   < body>
    9     < div>
   10       < h2>Hola Mundo</h2>
   11       < p>Este es un archivo de practica para Git</p>
   12     </div>
   13   </body>
   14 </html>
  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 >
  < index.html > < html > < body > < a >
    1   < html>
    2     < head>
    3   </head>
    4   < footer>
    5     < h1>Practica Git</h1>
    6     < p>Esta es una practica de Git</p>
    7   </footer>
    8   < body>
    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
```

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.

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

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> []
```

Agrego al main la branch html.

```
index.html ! # css.css M
index.html > ⚙ ?
1 <<<<< HEAD (Current Change)
2 <head>
3 </head>
4 <footer>
5   <h1>Practica Git</h1>
6   <p>Esta es una practica de Git</p>
7 </footer>
8 <body>
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
18
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 ! # 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.

The screenshot shows a code editor with a dark theme. On the left, the file structure is visible with 'index.html' expanded. The code itself is:

```
<html>
  <head>
    <link rel="stylesheet" href="css.css">
    <title>Practica Git</title>
  </head>
  <footer>
    <h1>Practica Git</h1>
    <p>Esta es una practica de Git</p>
  </footer>
  <body>
    <div>
      <h2>Hola Mundo</h2>
      <p>Este es un archivo de practica para Git</p>
    </div>
    <a href="https://iespacomolla.es/">IES Paco Molla</a>
  </body>
</html>
```

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

```
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 f7dcde5e).
● PS C:\Users\Kaladin\Downloads\PracticaGit> git branch -d css
Deleted branch css (was dd0696f).
④ 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.