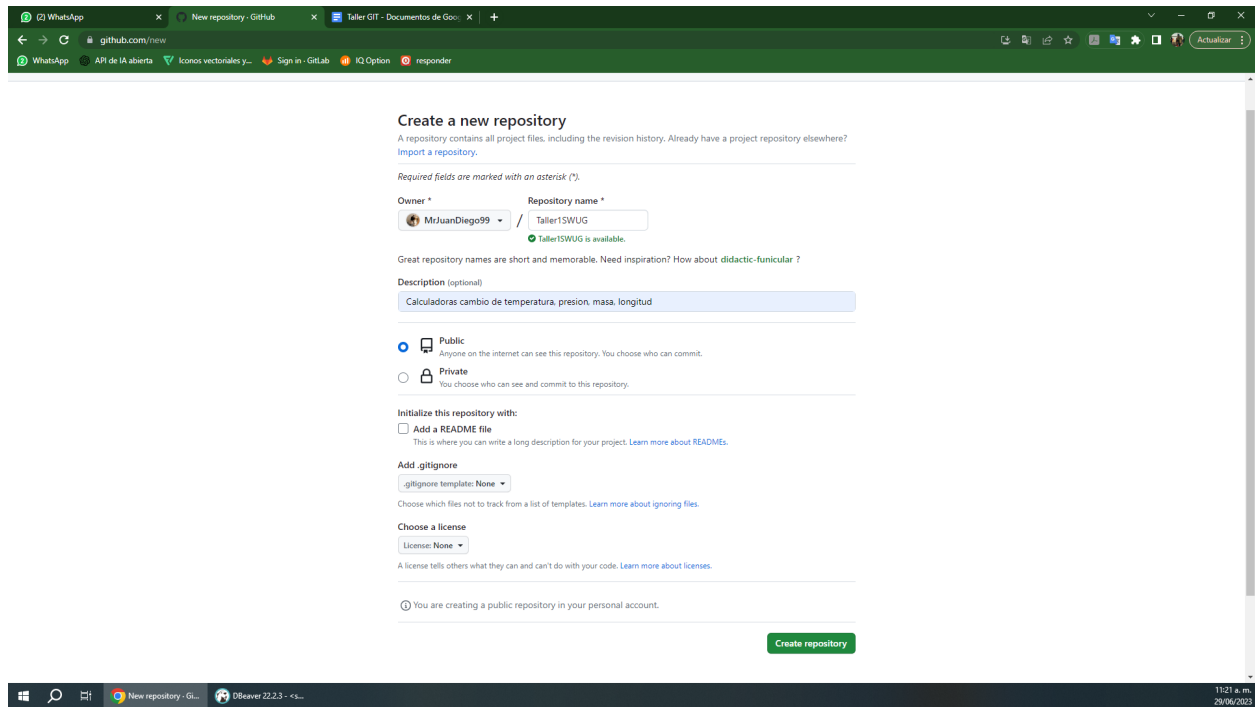
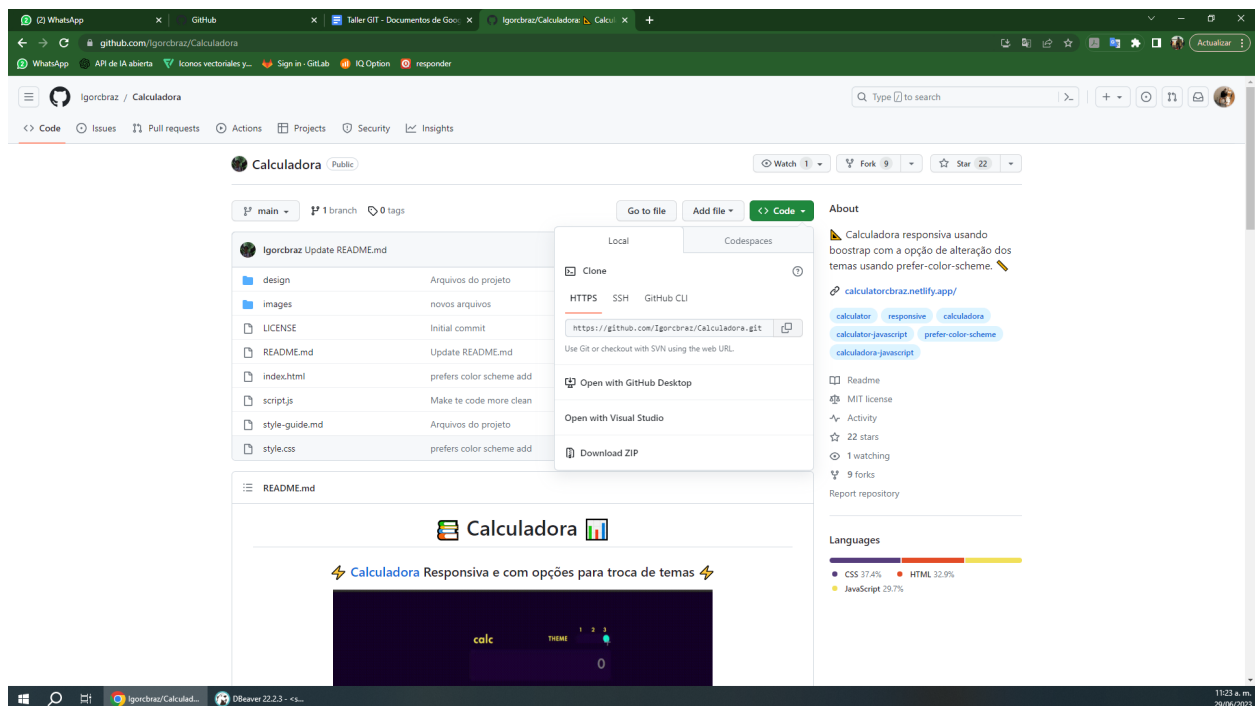


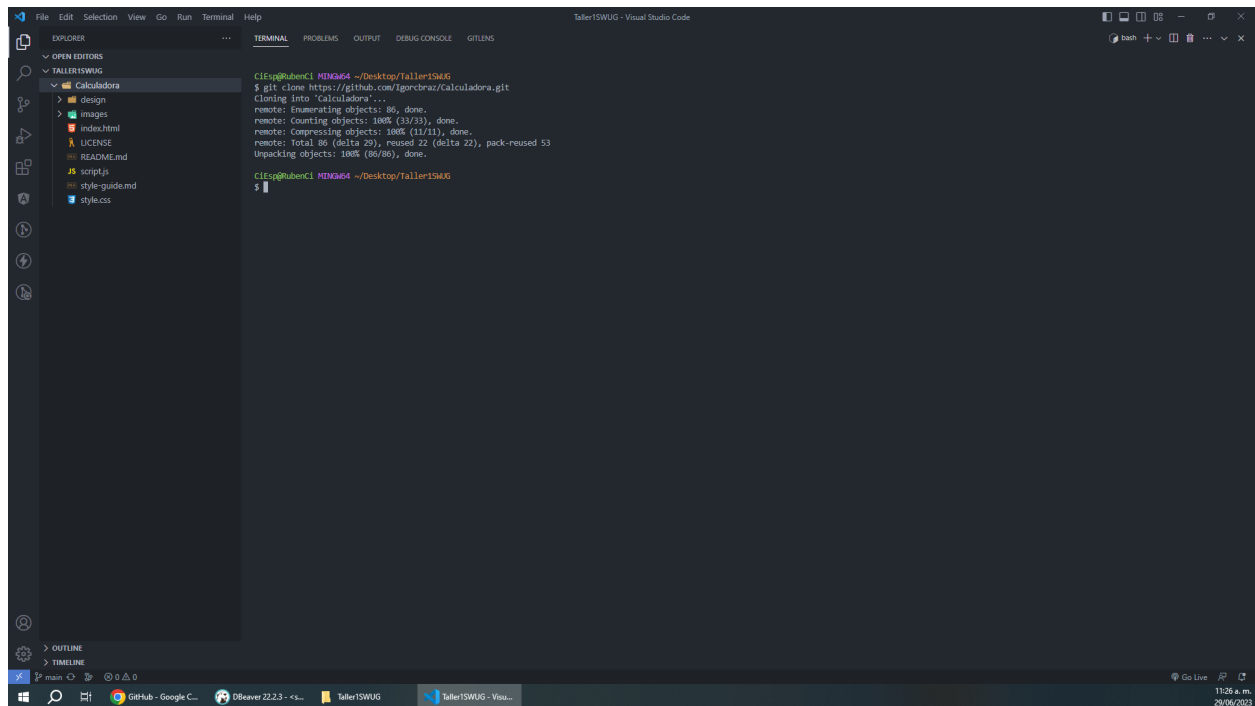
Creamos el repositorio en git



copiamos el link del repositorio git que vamos a clonar



Clonamos el repositorio Calculadora en nuestro entorno de trabajo desde el terminal de visual studio code



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

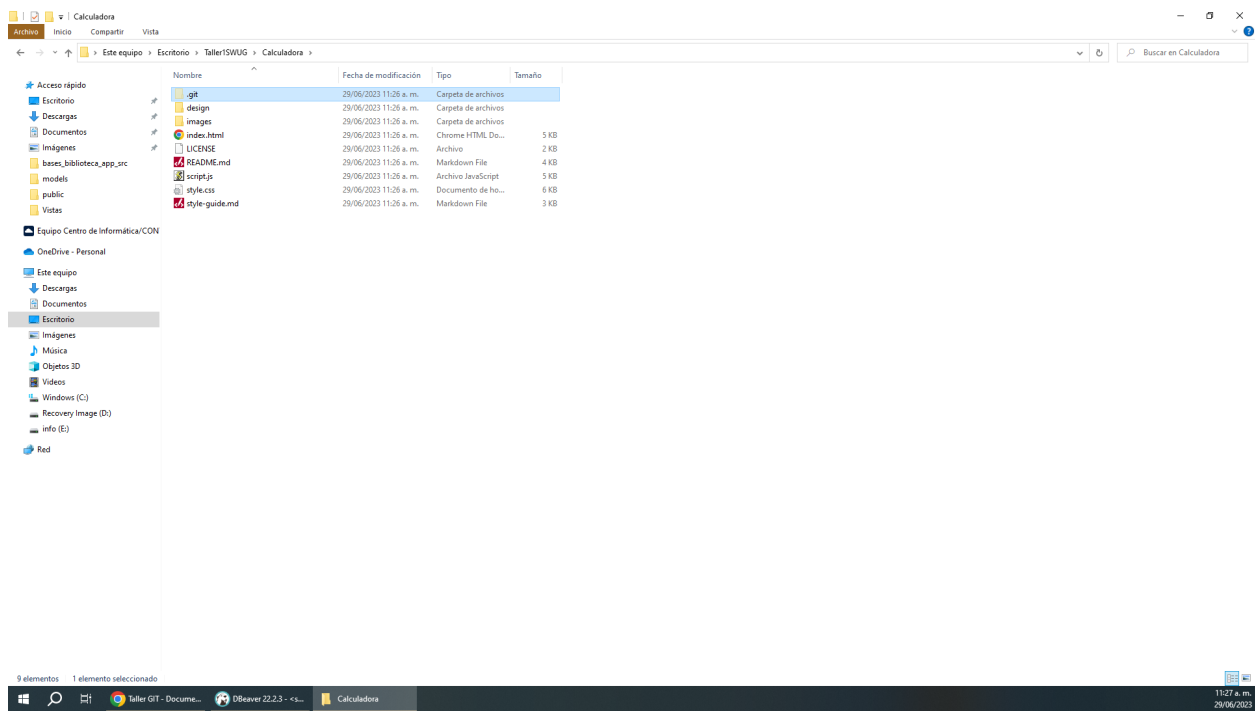
```
CIE@RubenCI-MENGA64 ~/Desktop/Taller1SWUG
$ git clone https://github.com/igorcbraz/Calculadora.git
Cloning into 'Calculadora'...
remote: Enumerating objects: 86, done.
remote: Counting objects: 100% (33/33), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 86 (delta 22), reused 22 (delta 22), pack-reused 53
Unpacking objects: 100% (86/86), done.

CIE@RubenCI-MENGA64 ~/Desktop/Taller1SWUG
$
```

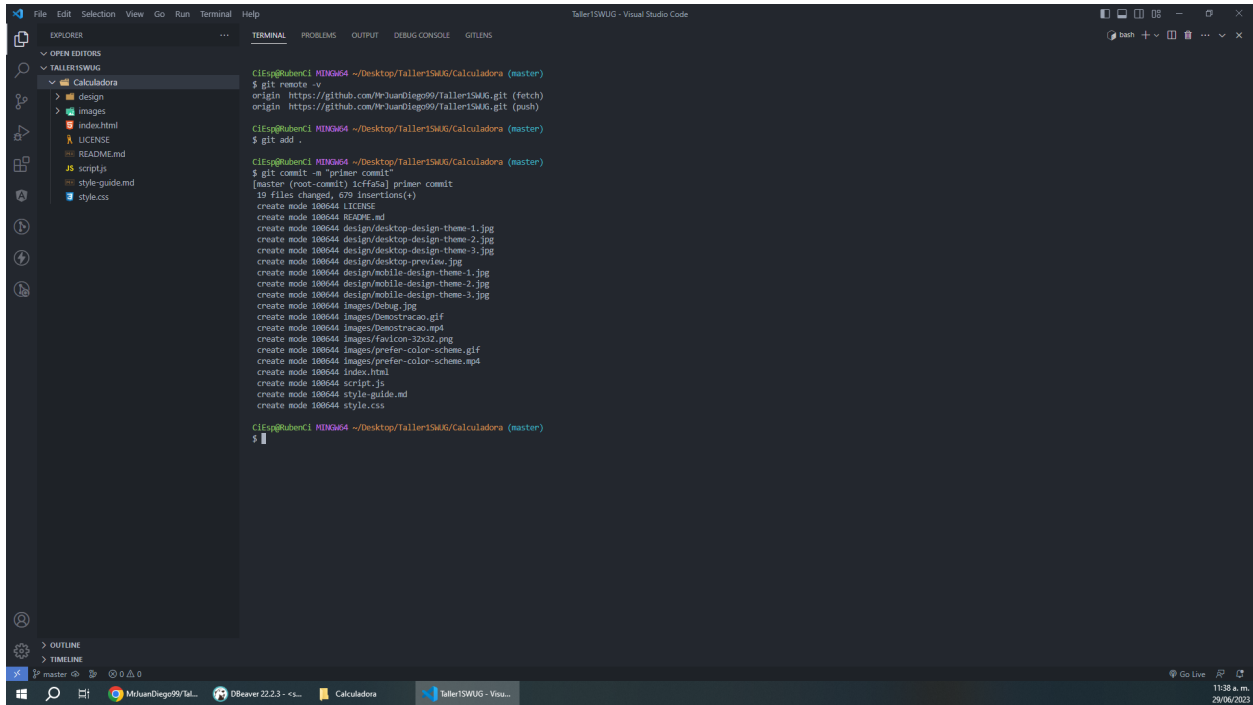
The Explorer view on the left shows the file structure of the cloned repository:

- Calculadora
 - design
 - images
 - index.html
 - LICENSE
 - README.md
 - scripts
 - style-guide.md
 - style.css

Borrar el repositorio remoto anterior (carpeta .git)



Vinculamos el proyecto a nuestro nuevo repositorio remoto

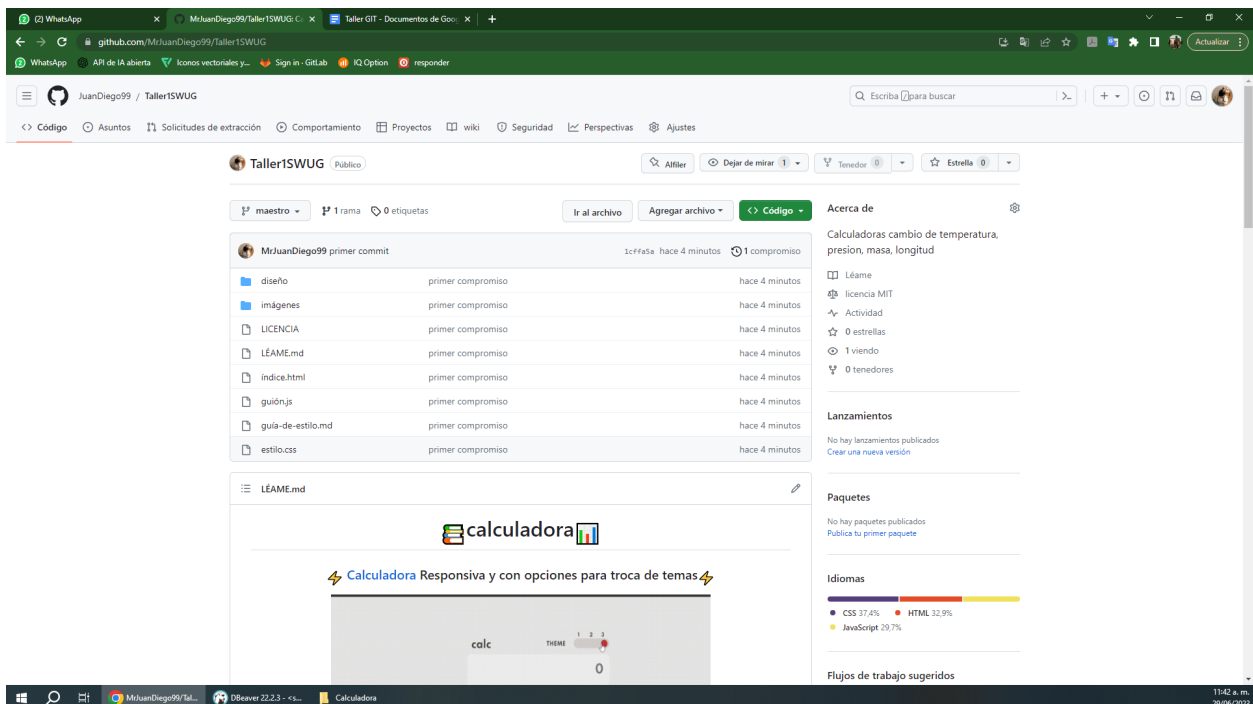


```
CIEsp@RubenC1 MINGW64 ~/Desktop/Taller1SWUG/calculadora (master)
$ git remote -v
origin https://github.com/MrJuanDiego99/Taller1SWUG.git (fetch)
origin https://github.com/MrJuanDiego99/Taller1SWUG.git (push)

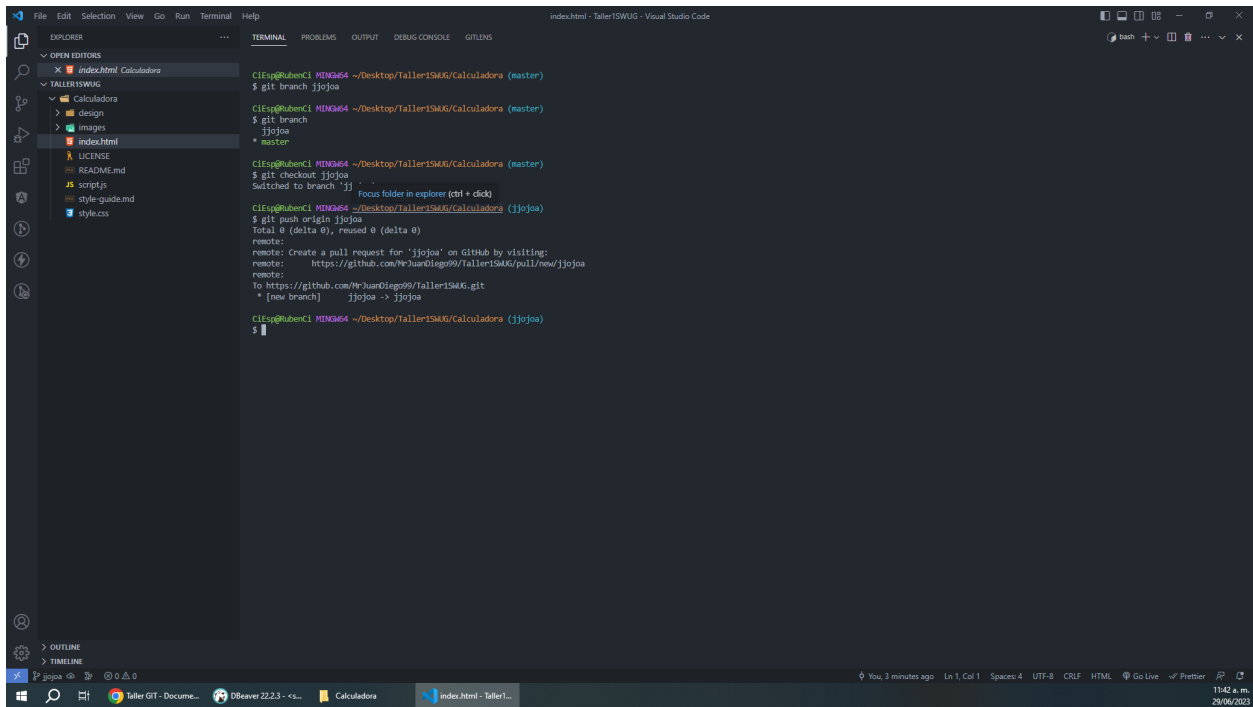
CIEsp@RubenC1 MINGW64 ~/Desktop/Taller1SWUG/calculadora (master)
$ git add .

CIEsp@RubenC1 MINGW64 ~/Desktop/Taller1SWUG/calculadora (master)
$ git commit -m "primer commit"
[master (root-commit) 1cffa5a] primer commit
19 files changed, 679 insertions(+)
create mode 100644 LICENCE
create mode 100644 README.md
create mode 100644 design/desktop-design-theme-1.jpg
create mode 100644 design/desktop-design-theme-2.jpg
create mode 100644 design/desktop-design-theme-3.jpg
create mode 100644 design/mobile-design-theme-1.jpg
create mode 100644 design/mobile-design-theme-2.jpg
create mode 100644 design/mobile-design-theme-3.jpg
create mode 100644 images/Debug.jpg
create mode 100644 images/Demostracao.gif
create mode 100644 images/Desktop-preview.jpg
create mode 100644 images/favicon-32x32.png
create mode 100644 images/prefer-color-scheme.gif
create mode 100644 images/prefer-color-scheme.mp4
create mode 100644 index.html
create mode 100644 script.js
create mode 100644 style-guide.md
create mode 100644 style.css

CIEsp@RubenC1 MINGW64 ~/Desktop/Taller1SWUG/calculadora (master)
$
```



A partir de la rama master creamos una nueva rama (jjojoa)



```
ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (master)
$ git branch jjojoa

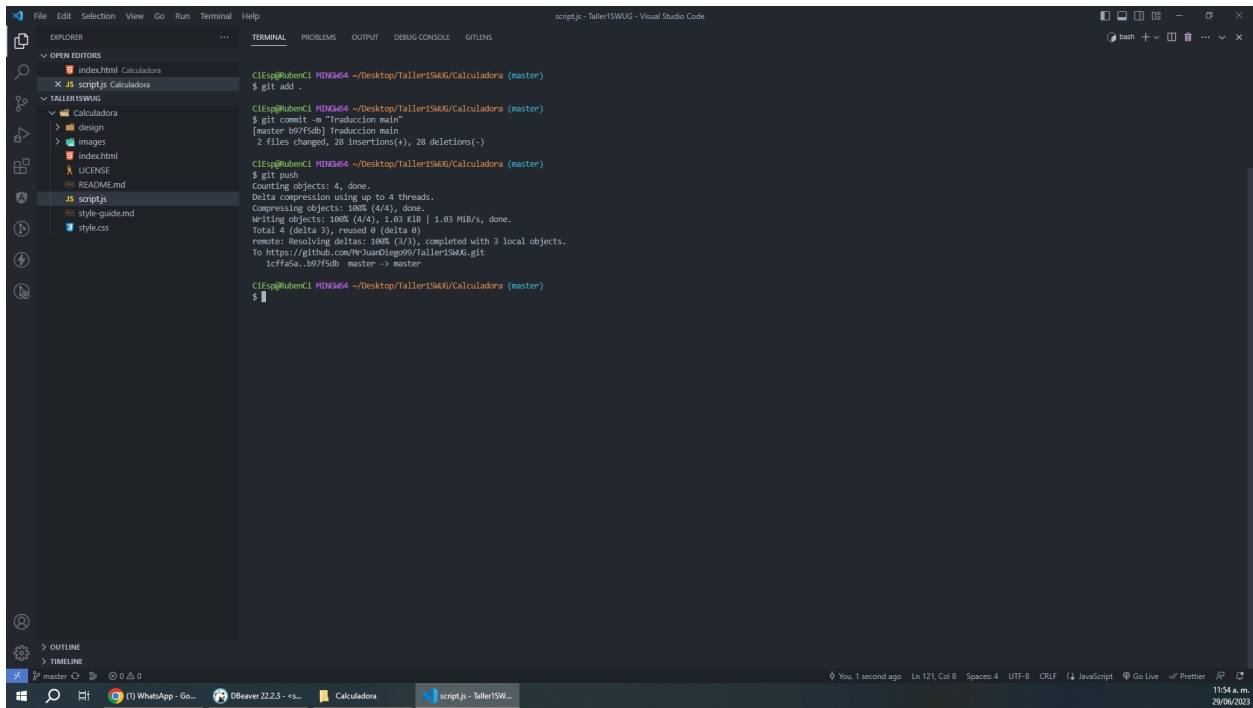
ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (master)
$ git branch
jjojoa
* master

ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (master)
$ git checkout jjojoa
Switched to branch 'jjojoa'
Focus folder in explorer (ctrl + click)

ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (jjojoa)
$ git push origin jjojoa
Total 0 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'jjojoa' on GitHub by visiting:
remote:   https://github.com/MrJuanDiego99/Taller15MUG/pull/new/jjojoa
remote:
To https://github.com/MrJuanDiego99/Taller15MUG.git
 * [new branch] jjojoa -> jjojoa

ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (jjojoa)
$
```

traducimos la GUI a español y subimos cambios con los comandos *git add .* y *git commit -m "traduccion main"*



```
ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (master)
$ git add .

ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (master)
$ git commit -m "traduccion main"
[master b597f5db] traduccion main
2 files changed, 28 insertions(+), 28 deletions(-)

ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (master)
$ git push
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.03 KiB | 1.03 MiB/s, done.
Total 4 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/MrJuanDiego99/Taller15MUG.git
 1cffa5a..b597f5db master -> master

ClEsp@RubenC1 MEX464 ~/Desktop/Taller15MUG/calculadora (master)
$
```

Hacemos la funcionalidad temperatura y subimos cambios en la rama jjojoa

The screenshot shows a Visual Studio Code editor with a project named 'Calculadora'. The Explorer sidebar on the left shows the file structure: 'index.html' and 'scripts.js'. The main editor area displays 'index.html' with the following code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <script src="scripts.js"></script>
    <title>Calculadoras</title>
  </head>
  <body>
    <h1>Calculadora de temperatura</h1>
    <label>Grados Celsius:</label>
    <input type="number" id="celsius">
    <button onclick="convertirTemperatura()">Convertir</button>
    <p id="resultado"></p>
  </body>
</html>
```

The 'scripts.js' file contains the following JavaScript code:

```
function convertirTemperatura() {
  var celsius = parseFloat(document.getElementById("celsius").value);
  var fahrenheit = (celsius * 9/5) + 32;
  document.getElementById("resultado").innerHTML = celsius + " grados Celsius";
}
```

The bottom panel shows the terminal with the following commands and output:

```
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$ git add .
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$ git commit -m "Calculadora de temperatura"
[jjojoa e5ce82] Calculadora de temperatura
2 files changed, 28 insertions(+), 246 deletions(-)
rewrite index.html (96%)
rewrite script.js (99%)
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$ git push origin jjojoa
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 940 bytes | 940.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/MyUserDiego99/Taller19M6.git
 ! [rejected]          jjojoa -> jjojoa
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$
```

Hacemos la funcionalidad presión y subimos cambios en la rama jjojoa

The screenshot shows the same Visual Studio Code editor with the 'Calculadora' project. The Explorer sidebar shows the file structure: 'index.html' and 'scripts.js'. The main editor area displays 'index.html' with the following code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <script src="scripts.js"></script>
    <title>Calculadoras</title>
  </head>
  <body>
    <h1>Calculadora de temperatura</h1>
    <label>Grados Celsius:</label>
    <input type="number" id="celsius">
    <button onclick="convertirTemperatura()">Convertir</button>
    <p id="resultado"></p>
  </body>
</html>
```

The 'scripts.js' file contains the following JavaScript code:

```
function convertirTemperatura() {
  var celsius = parseFloat(document.getElementById("celsius").value);
  var fahrenheit = (celsius * 9/5) + 32;
  document.getElementById("resultado").innerHTML = celsius + " grados Celsius";
}

function convertirPresion() {
  var valorPascal = document.getElementById("valorPascal").value;
  var valorBar = valorPascal / 100000;
  document.getElementById("resultado2").innerHTML = valorPascal + " pascals";
}
```

The bottom panel shows the terminal with the following commands and output:

```
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$ git add .
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$ git commit -m "Calculadora de presion"
[jjojoa 23cd258] Calculadora de presion
2 files changed, 11 insertions(+), 1 deletion(-)
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$ git push origin jjojoa
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 744 bytes | 744.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/MyUserDiego99/Taller19M6.git
 ! [rejected]          jjojoa -> jjojoa
C:\Español\MEG464 ~\Desktop\Taller19M6\Calculadora (jjojoa)
$
```

Hacemos la funcionalidad masa y subimos cambios en la rama jjojoa

The screenshot shows the Visual Studio Code interface with the following components:

- EXPLORER:** Shows the project structure with files like `index.html`, `style.css`, and `scripts.js`.
- EDITOR:** Displays `index.html` with the following code:

```
11 </head>
12
13 <body>
14   <h1>Calculadora de temperatura</h1>
15   <label>Grados Celsius</label>
16   <input type="number" id="celsius">
17   <button onclick="convertirTemperatura()">Convertir</button>
18   <p id="resultado"></p>
19
20   <hr>
21   <h1>Calculadora de presión</h1>
22   <label for="valorPascal">Ingrese el valor en Pascal</label>
23   <input type="text" id="valorPascal">
24   <button onclick="convertirPresion()">Convertir</button>
25   <p id="resultado2"></p>
26
27   <hr>
28   <h1>Calculadora de masa</h1>
29   <label for="kilogramos">Ingrese el valor en kilogramos</label>
30   <input type="number" id="kilogramos" step="0.01" />
31   <button onclick="convertirMasa()">Convertir</button>
32   <p id="resultado3"></p>
33
34 </body>
35 </html>
```
- scripts.js:** Contains the following functions:

```
1 function convertirTemperatura() {
2   var celsius = parseFloat(document.getElementById("celsius").value);
3   var fahrenheit = (celsius * 9/5) + 32;
4   document.getElementById("resultado").innerHTML = celsius + " grados Celsius"
5 }
6
7 function convertirPresion() {
8   var valorPascal = document.getElementById("valorPascal").value;
9   var valorBar = valorPascal / 100000;
10  document.getElementById("resultado2").innerHTML = valorPascal + " pascales"
11 }
12
13 function convertirMasa() {
14   var kilogramos = parseFloat(document.getElementById("kilogramos").value);
15   var gramos = kilogramos * 1000;
16   document.getElementById("resultado3").innerHTML = kilogramos + " kilogramos"
17 }
18
```
- TERMINAL:** Shows the following commands and output:

```
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$ git add .
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$ git commit -m "Calculadora de masa"
[jjojoa 645212d] Calculadora de masa
2 files changed, 13 insertions(+), 1 deletion(-)
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$ git push origin jjojoa
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 609 bytes | 609.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 3 local objects.
To https://github.com/Mr-JuanDiego999/Taller19M6.git
  23cd25b..b45212d  jjojoa -> jjojoa
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$
```

Hacemos la funcionalidad longitud y subimos cambios en la rama jjojoa

The screenshot shows the Visual Studio Code interface with the following components:

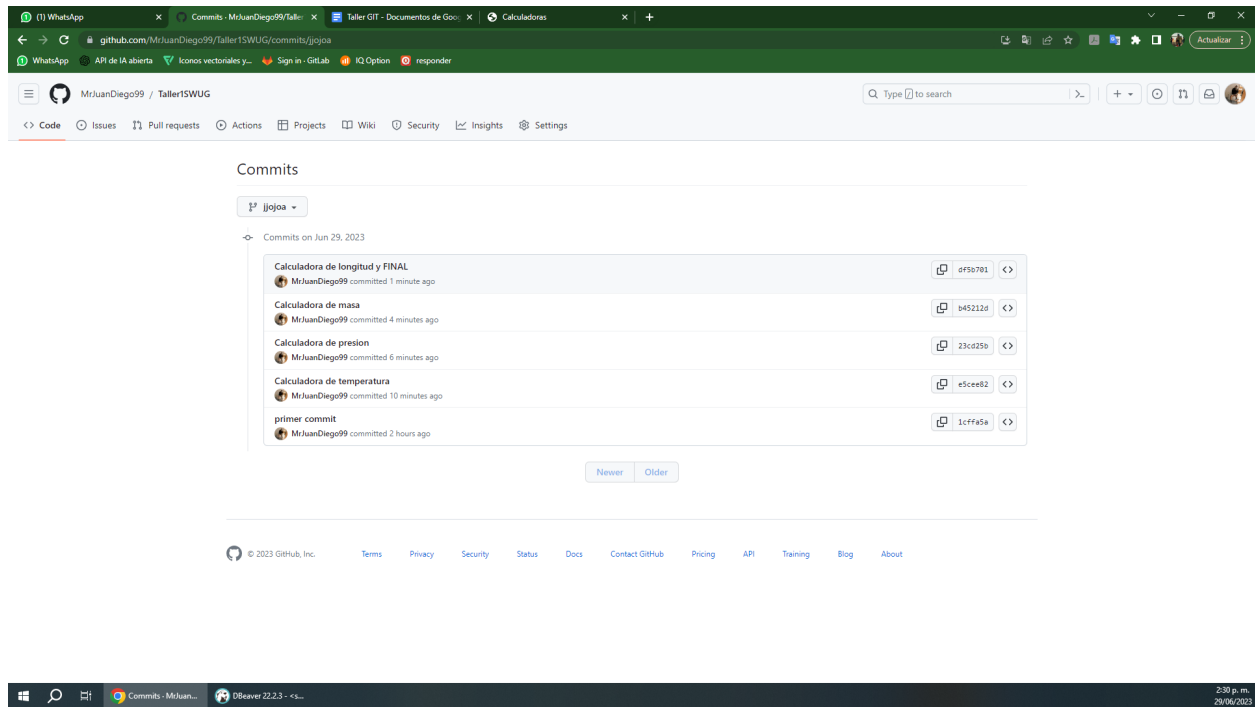
- EXPLORER:** Shows the project structure with files like `index.html`, `style.css`, and `scripts.js`.
- EDITOR:** Displays `index.html` with the following code:

```
21 <h1>Calculadora de presión</h1>
22 <label for="valorPascal">Ingrese el valor en Pascal</label>
23 <input type="text" id="valorPascal">
24 <button onclick="convertirPresion()">Convertir</button>
25 <p id="resultado2"></p>
26
27 <hr>
28 <h1>Calculadora de masa</h1>
29 <label for="kilogramos">Ingrese el valor en kilogramos</label>
30 <input type="number" id="kilogramos" step="0.01" />
31 <button onclick="convertirMasa()">Convertir</button>
32 <p id="resultado3"></p>
33
34 <hr>
35 <h1>Calculadora de longitud</h1>
36 <label for="metros">Ingrese el valor en metros</label>
37 <input type="number" id="metros" min="0">
38 <button onclick="convertirLongitud()">Convertir</button>
39 <p id="resultado4"></p>
40
41 </body>
42 </html>
```
- scripts.js:** Contains the following functions:

```
6
7 function convertirPresion() {
8   var valorPascal = document.getElementById("valorPascal").value;
9   var valorBar = valorPascal / 100000;
10  document.getElementById("resultado2").innerHTML = valorPascal + " pascales"
11 }
12
13 function convertirMasa() {
14   var kilogramos = parseFloat(document.getElementById("kilogramos").value);
15   var gramos = kilogramos * 1000;
16   document.getElementById("resultado3").innerHTML = kilogramos + " kilogramos"
17 }
18
19 function convertirLongitud() {
20   var metros = document.getElementById("metros").value;
21   var centimetros = metros * 100;
22   document.getElementById("resultado4").innerHTML = metros + " metros son " +
23     centimetros + " centimetros"
24 }
25
```
- TERMINAL:** Shows the following commands and output:

```
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$ git add .
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$ git commit -m "Calculadora de longitud y FINAL"
[jjojoa df5b701] Calculadora de longitud y FINAL
2 files changed, 13 insertions(+), 1 deletion(-)
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$ git push origin jjojoa
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 605 bytes | 605.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 3 local objects.
To https://github.com/Mr-JuanDiego999/Taller19M6.git
  b45212d..df5b701  jjojoa -> jjojoa
CiEsp@RubenCI MDM64 ~/Desktop/Taller19M6/Calculadora (jjojoa)
$
```

Podemos mirar en git todos los commits que hicimos en la rama jjojoa



The screenshot shows a web browser window displaying the GitHub repository page for 'Taller15WUG' by user 'MrJuanDiego99'. The 'Commits' tab is selected, and the branch 'jjojoa' is chosen. The page lists six commits, all made by 'MrJuanDiego99' on June 29, 2023. The commits are ordered from newest to oldest. Each commit entry includes the commit message, the author's name, the time since the commit, and a hash with a 'Compare' link.

Commit Message	Author	Time	Hash	Compare
Calculadora de longitud y FINAL	MrJuanDiego99	committed 1 minute ago	0f5b701	<>
Calculadora de masa	MrJuanDiego99	committed 4 minutes ago	b45212d	<>
Calculadora de presion	MrJuanDiego99	committed 6 minutes ago	23cd25b	<>
Calculadora de temperatura	MrJuanDiego99	committed 10 minutes ago	e5cee82	<>
primer commit	MrJuanDiego99	committed 2 hours ago	1cffa5e	<>

At the bottom of the page, there is a footer with GitHub's terms, privacy, and security links, as well as a timestamp: '© 2023 GitHub, Inc. 2:30 p.m. 29/06/2023'.

Hacemos el merge de la rama jjojoa con rama main usando el comando *git merge jjojoa*, ejecutamos este comando desde la rama main