

Universidad de Nariño

Ingeniería de Sistemas

Diplomado de actualización en nuevas tecnologías para el desarrollo de Software

Taller Unidad 1 GIT

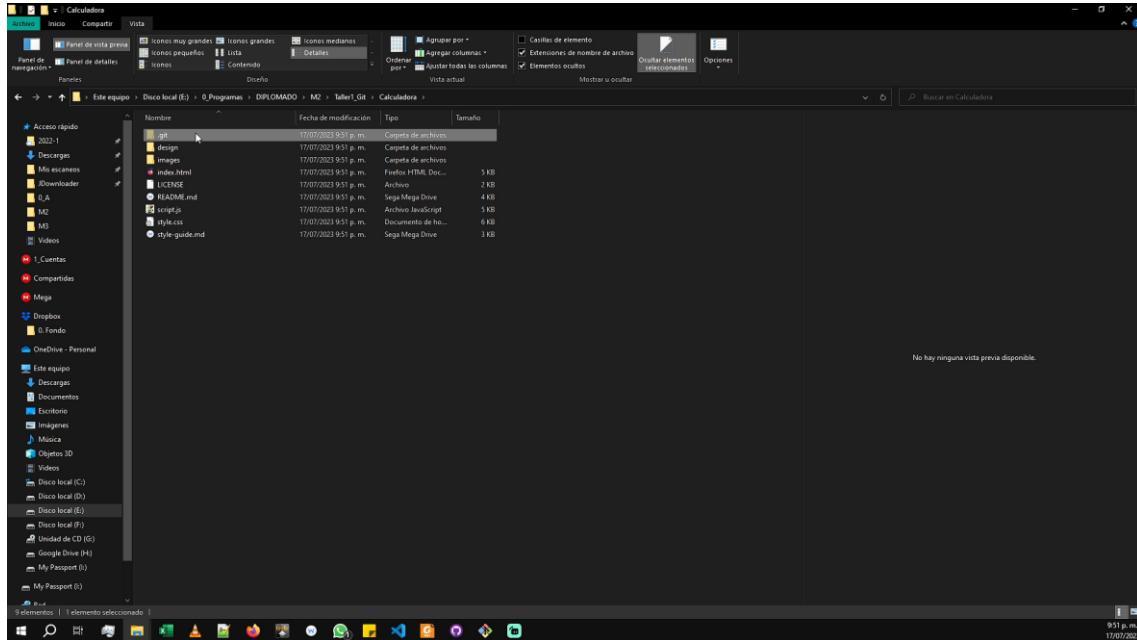
1. Clonación del proyecto público en mi directorio de trabajo:

The image shows a Windows desktop environment with two open windows. The top window is a web browser displaying the GitHub page for the repository 'Igorcbraz/Calculadora'. The bottom window is a terminal window showing the command-line process of cloning the repository.

```
djuli1@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git
$ 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 29), reused 22 (delta 22), pack-reused 53
Receiving objects: 100% (86/86), 5.87 MiB | 2.29 MiB/s, done.
Resolving deltas: 100% (41/41), done.
```

2. Sincronización del repositorio local con el repositorio remoto, para ello hacemos lo siguiente:

a. Borramos la carpeta git del archivo clonado

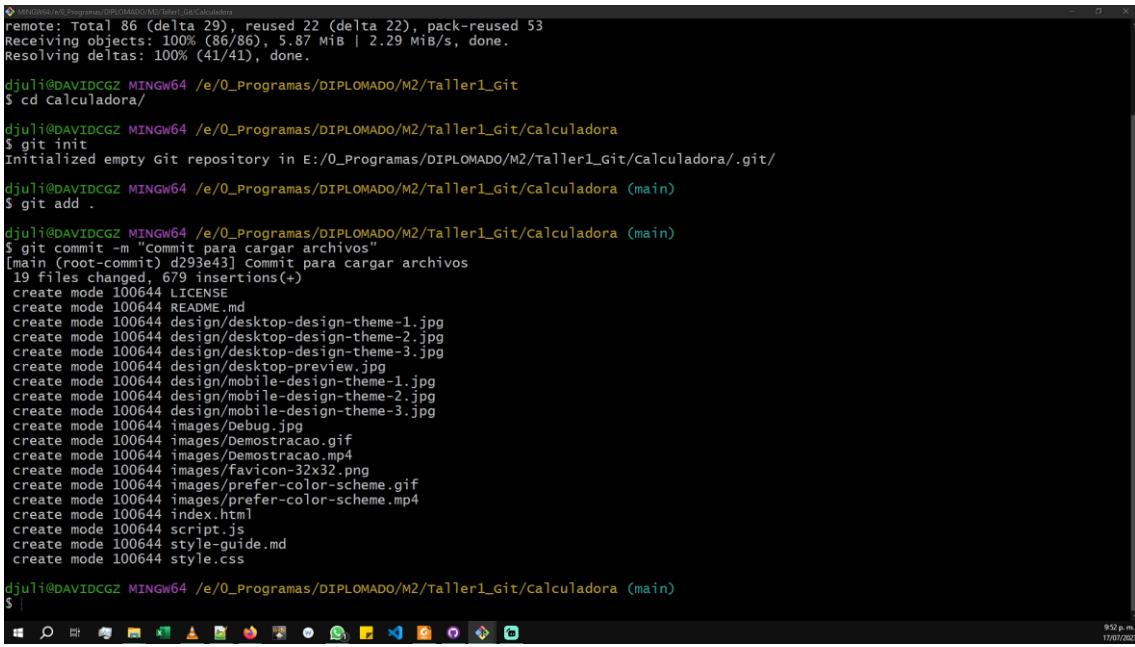


b. No movemos a la carpeta calculadora y ejecutamos la instrucción **git init**

```
MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git$ 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 29), reused 22 (delta 22), pack-reused 53
Receiving objects: 100% (86/86), 5.87 MiB | 2.29 MiB/s, done.
Resolving deltas: 100% (41/41), done.

MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git$ cd calculadora/
MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora$ git init
Initialized empty Git repository in E:/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora/.git/
MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora$
```

- c. Agregamos los archivos a nuestro directorio de trabajo con `git add .` y hacemos un commit para pasar los archivos al repositorio.



```

remote: Total 86 (delta 29), reused 22 (delta 22), pack-reused 53
Receiving objects: 100% (86/86), 5.87 MiB | 2.29 MiB/s, done.
Resolving deltas: 100% (41/41), done.

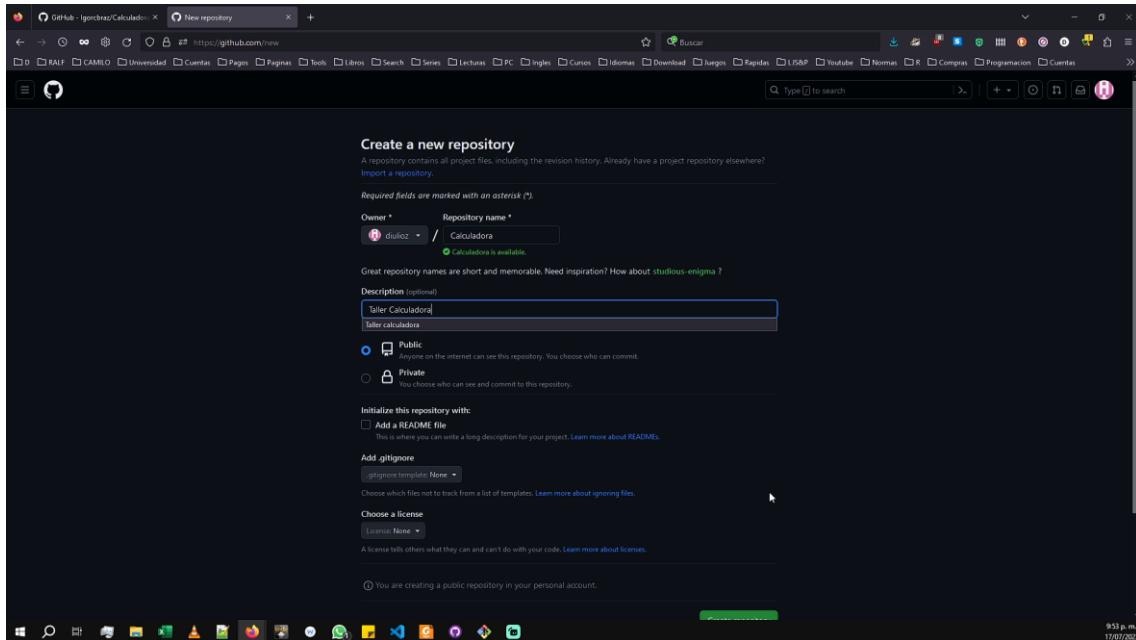
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora
$ cd calculadora/
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora
$ git init
Initialized empty Git repository in E:/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora/.git/
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git add .

djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git commit -m "Commit para cargar archivos"
[main (root-commit) d293e43] Commit para cargar archivos
 19 files changed, 679 insertions(+)
 create mode 100644 LICENSE
 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/desktop-preview.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/demostracao.mp4
 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

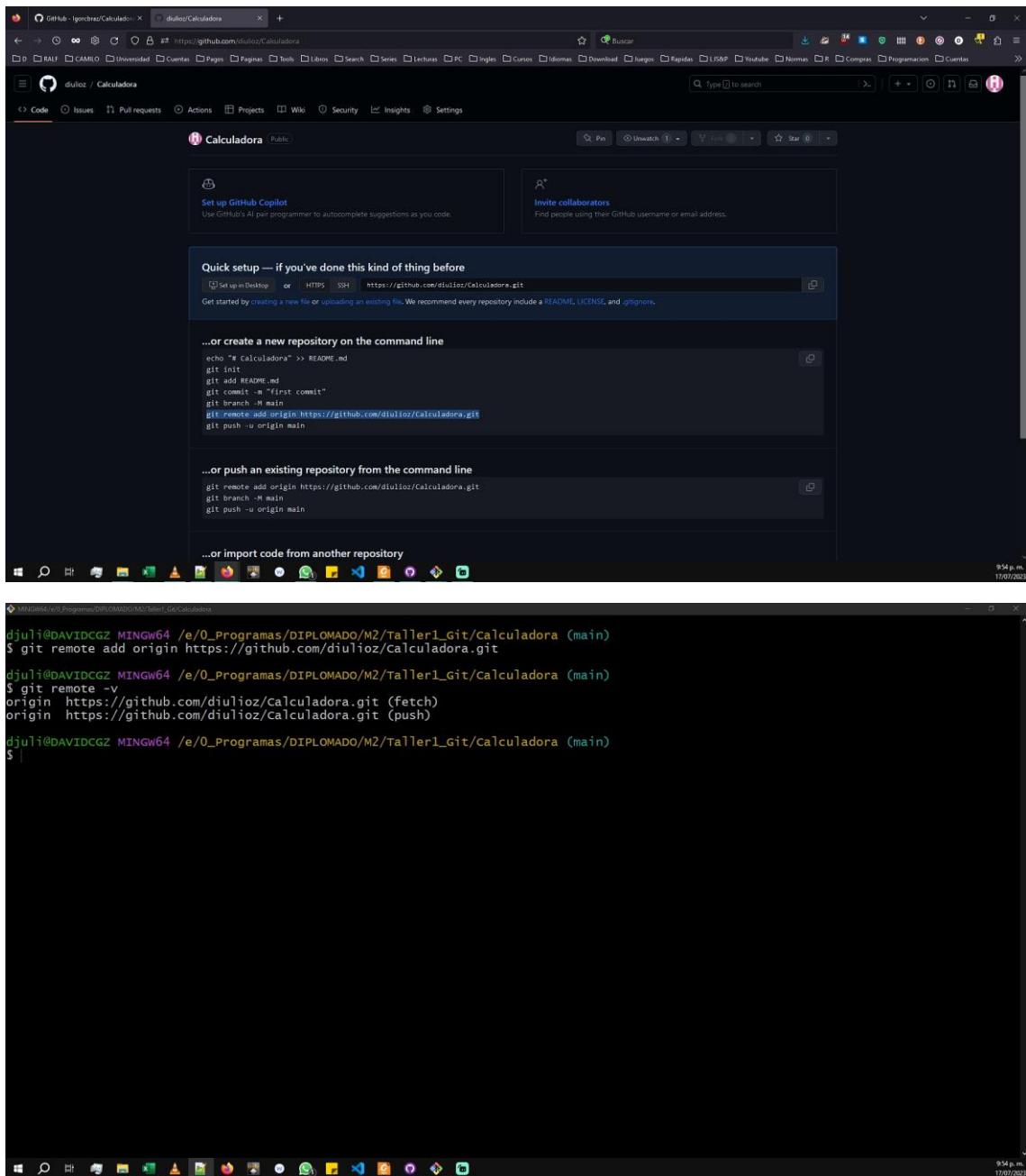
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ |

```

- d. Desde nuestra cuenta de github creamos un repositorio llamado Calculadora, para este caso quedara publico



- e. Para cargar el proyecto ubicado en el repositorio local ejecutamos
`git remote add origin https://github.com/diulioz/Calculadora.git`

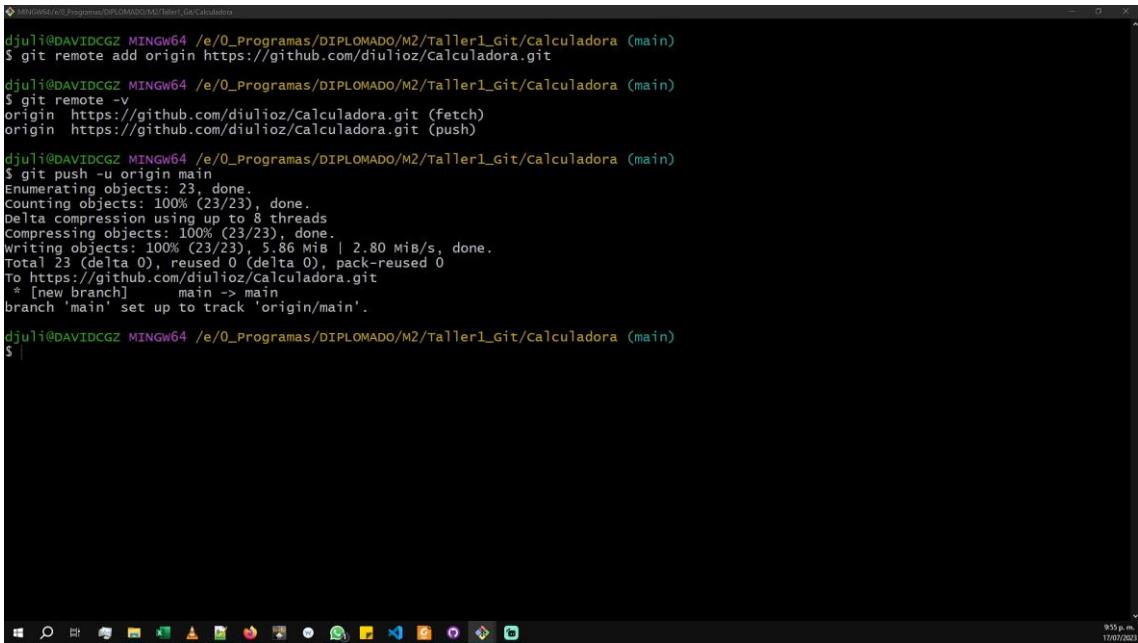


The screenshot shows a Windows desktop environment. At the top, there is a taskbar with various pinned icons. In the center, a web browser window is open to the GitHub repository page for 'diulioz/Calculadora'. The repository is public. Below the browser, a terminal window is active, showing the command-line process of adding a remote origin. The terminal output is as follows:

```
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git remote add origin https://github.com/diulioz/calculadora.git
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git remote -v
origin https://github.com/diulioz/calculadora.git (fetch)
origin https://github.com/diulioz/calculadora.git (push)
```

The terminal window has a dark theme, and the overall desktop has a light-colored theme.

- f. Ejecutamos los comandos **git push -u origin main**, con esto nuestro proyecto se encuentra cargado en el repositorio remoto



```

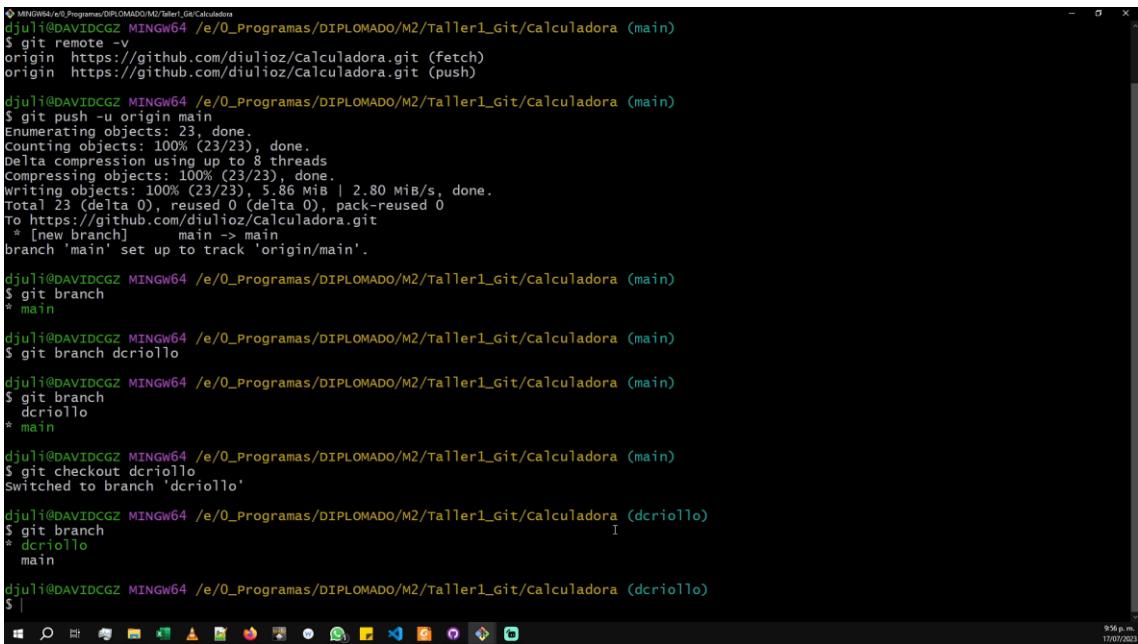
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git remote add origin https://github.com/diulioz/calculadora.git
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git remote -v
origin https://github.com/diulioz/calculadora.git (fetch)
origin https://github.com/diulioz/calculadora.git (push)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git push -u origin main
Enumerating objects: 23, done.
Counting objects: 100% (23/23), done.
Delta compression using up to 8 threads
Compressing objects: 100% (23/23), done.
Writing objects: 100% (23/23), 5.86 MiB | 2.80 MiB/s, done.
Total 23 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/diulioz/calculadora.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ |

```

3. Creamos las ramas solicitadas para ello hacemos lo siguiente:

- a. Verificamos que ramas existen y en cual estamos ubicados con **git Branch**, creamos la rama **dcriollo**, y con **git checkout** nos trasladamos a ella.



```

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git remote -v
origin https://github.com/diulioz/calculadora.git (fetch)
origin https://github.com/diulioz/calculadora.git (push)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git push -u origin main
Enumerating objects: 23, done.
Counting objects: 100% (23/23), done.
Delta compression using up to 8 threads
Compressing objects: 100% (23/23), done.
Writing objects: 100% (23/23), 5.86 MiB | 2.80 MiB/s, done.
Total 23 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/diulioz/calculadora.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git branch
* main

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git branch dcriollo

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git branch
  dcriollo
* main

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git checkout dcriollo
Switched to branch 'dcriollo'

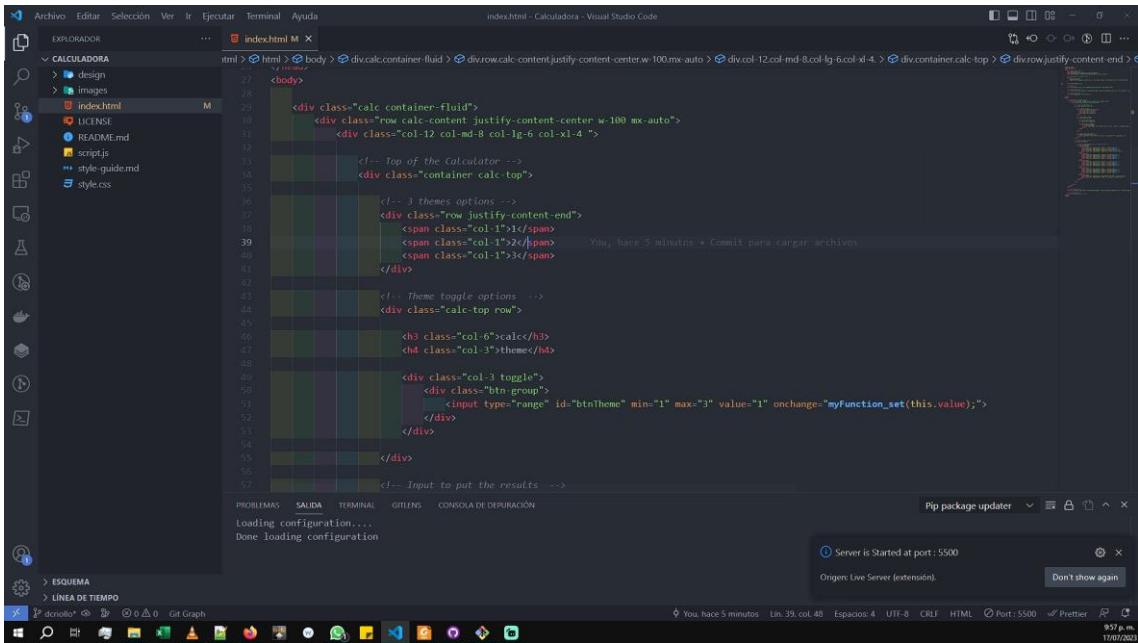
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git branch
* dcriollo
  main

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ |

```

4. Visualización del proyecto y traducción, para ello hacemos lo siguiente:

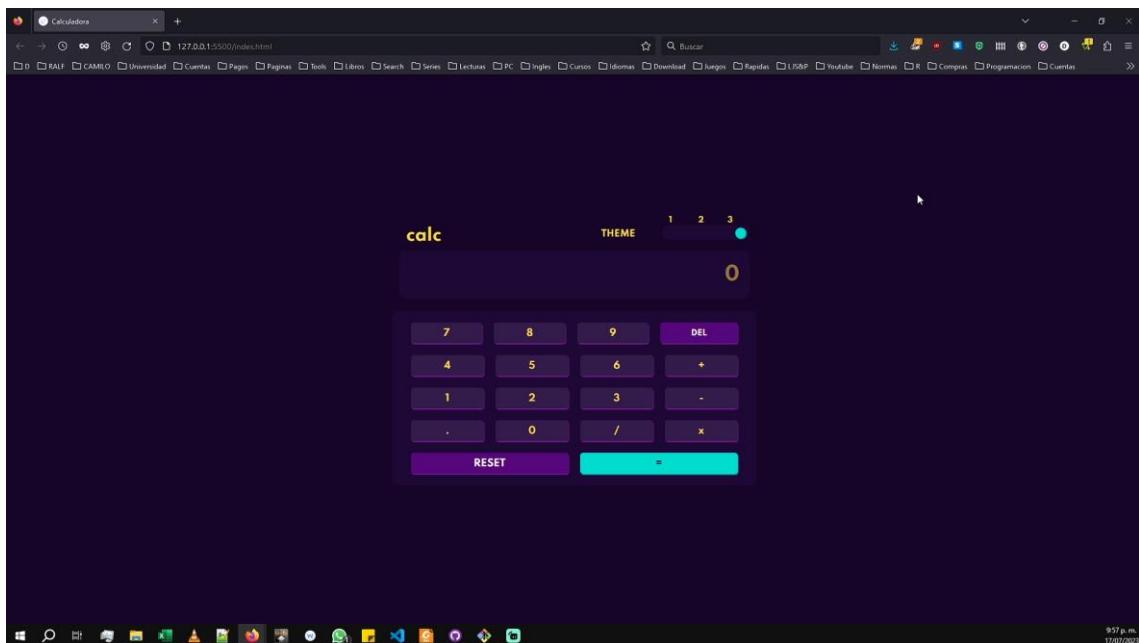
- Se abre el proyecto en este caso se utiliza Visual Studio



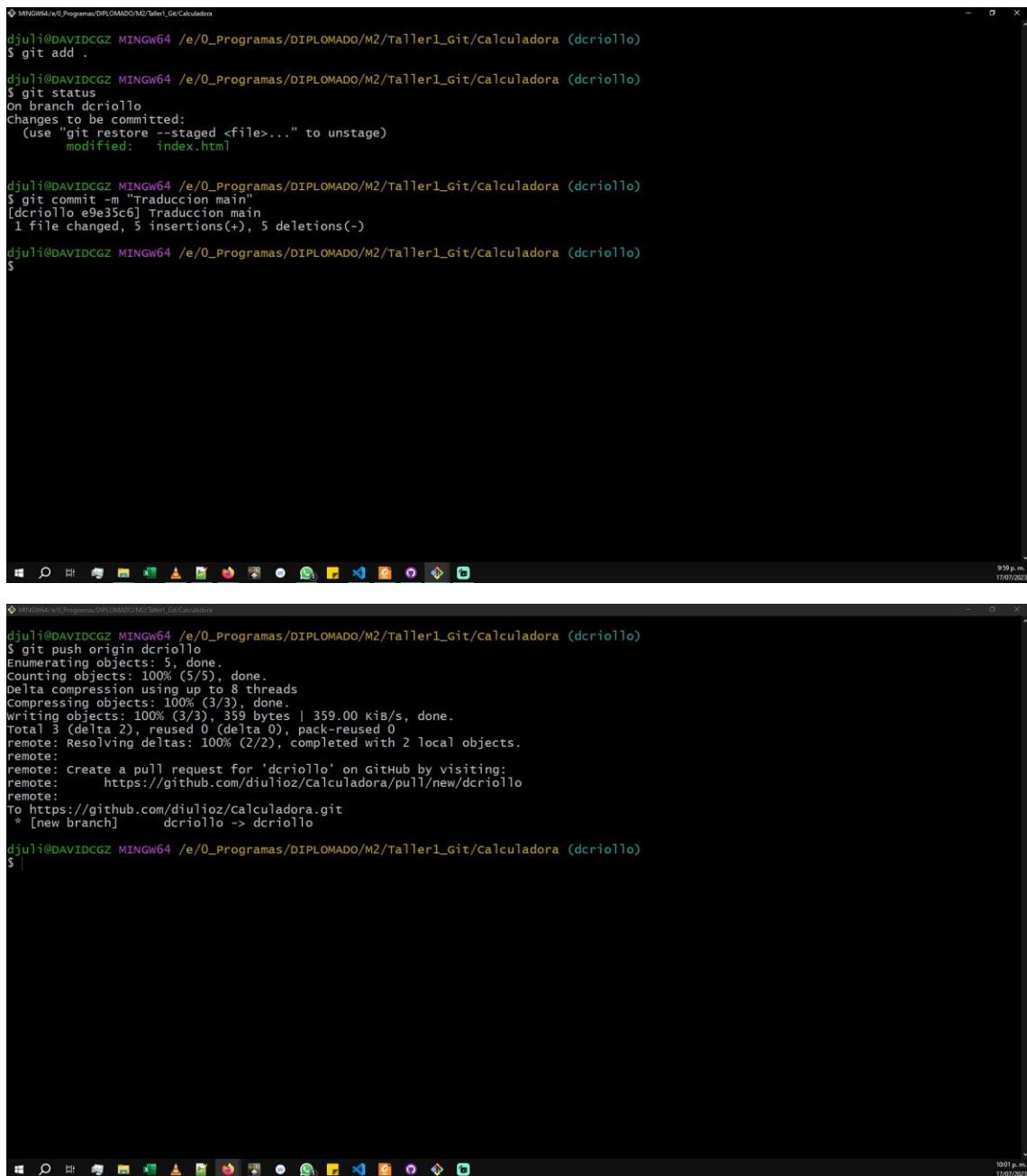
The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure with files like `index.html`, `style.css`, and `script.js`.
- Code Editor:** Displays the `index.html` file content, which includes HTML structure for a calculator, CSS classes for styling, and a JavaScript `script.js` file included via a script tag.
- Bottom Status Bar:** Shows "Loading configuration..." and "Done loading configuration".
- Activity Bar:** Includes icons for ESQUEMA (Schematics), SALIDA (Output), TERMINAL (Terminal), GLENS (Lenses), and CONSOLA DE DEPURACIÓN (Debug Console).
- Bottom Taskbar:** Shows various application icons.
- Bottom Status Bar:** Shows "You have 5 minutes", "Line: 39, col: 48", "Espacio: 4", "UTF-8", "CRLF", "HTML", "Port: 5500", "Prettier", and the date "17/07/2023".

- Verificamos que la calculadora funciona



- c. Hacemos las traducciones de las etiquetas y las cargamos a nuestro repositorio remoto, para ello usamos los comandos **git add .**, **git commit -m "Traducción main"** y **git push origin dcriollo**



```

MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git add .
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git status
On branch dcriollo
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   index.html

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git commit -m "Traducción main"
[dcriollo e9e35c6] Traducción main
 1 file changed, 5 insertions(+), 5 deletions(-)
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ |
```

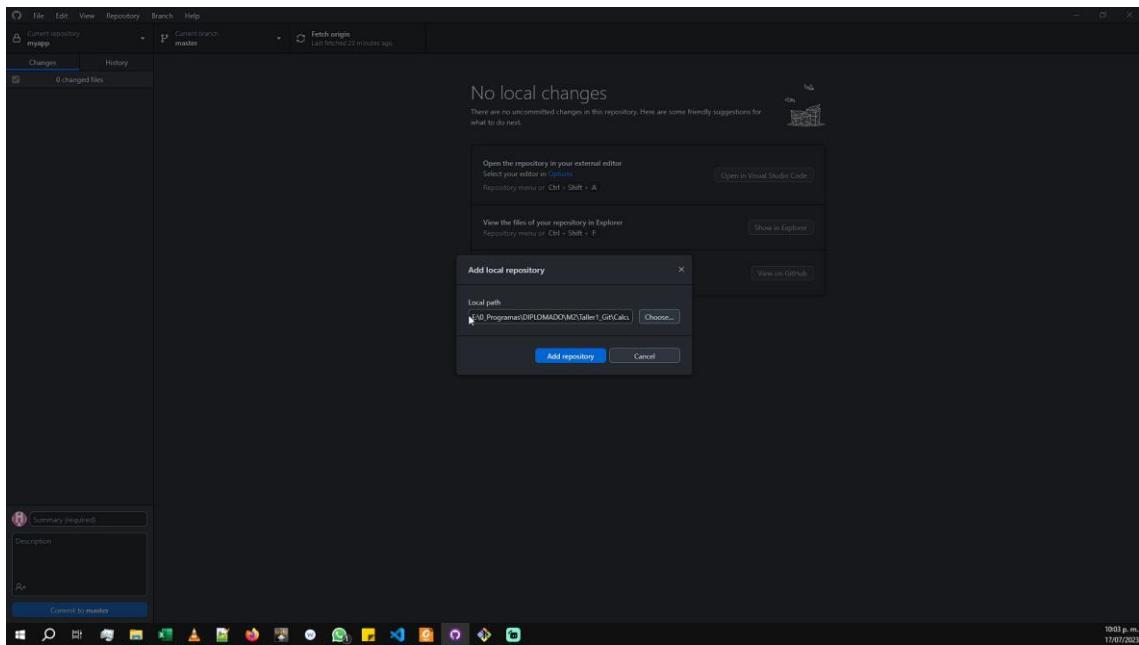
```

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git push origin dcriollo
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 359 bytes | 359.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'dcriollo' on GitHub by visiting:
remote:     https://github.com/diulioz/Calculadora/pull/new/dcriollo
remote:
To https://github.com/diulioz/Calculadora.git
 * [new branch]      dcriollo -> dcriollo
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ |
```

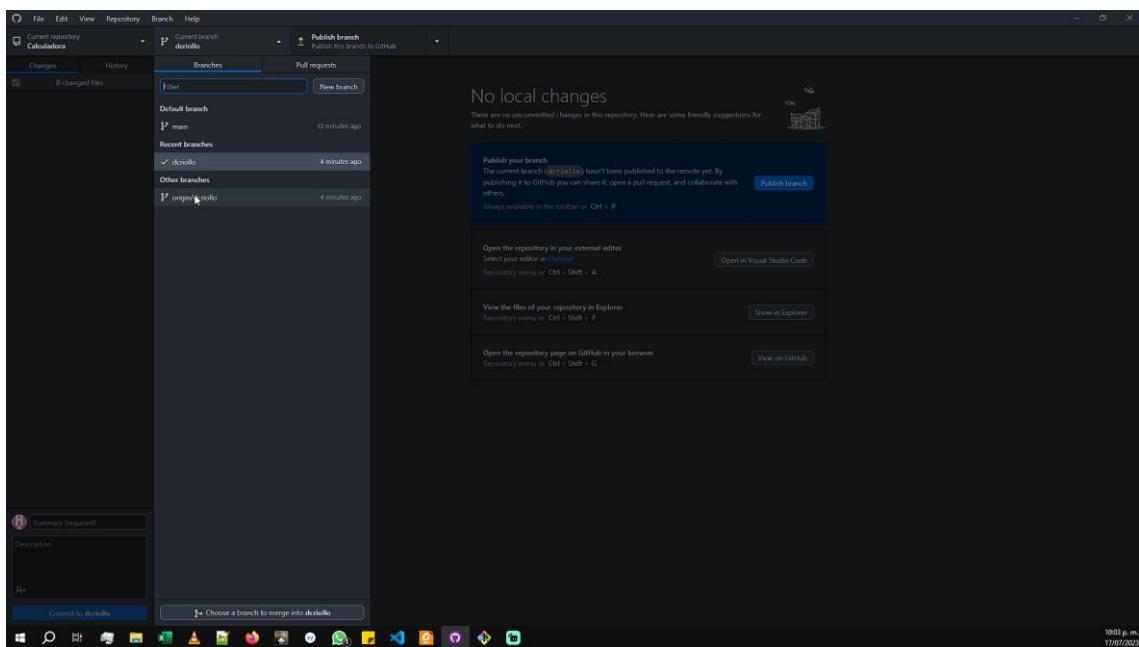
```

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ |
```

- d. Para visualizar mejor los cambios que se realizaron usaremos GitHub Desktop, para ello agregamos nuestro repositorio local Calculadora.



- e. Observamos que existen las dos ramas **main** y **dcriollo**



- f. Al ir al commit nombrado Traducción main podemos observar los cambios realizados en la interfaz gráfica, las etiquetas traducidas fueron Calculator = Calculadora, cal = Calculadora, theme = Tema, Del = Borrar y RESET = REINICIAR

File Edit View Repository Branch Help

Current repository Calculadora

Changes History

Select branch to compare... David Crotto + 5 minutes ago

Commit para cargar archivos David Crotto + 12 minutes ago

Traducción main

Publish branch Publish this branch to GitHub

index.html

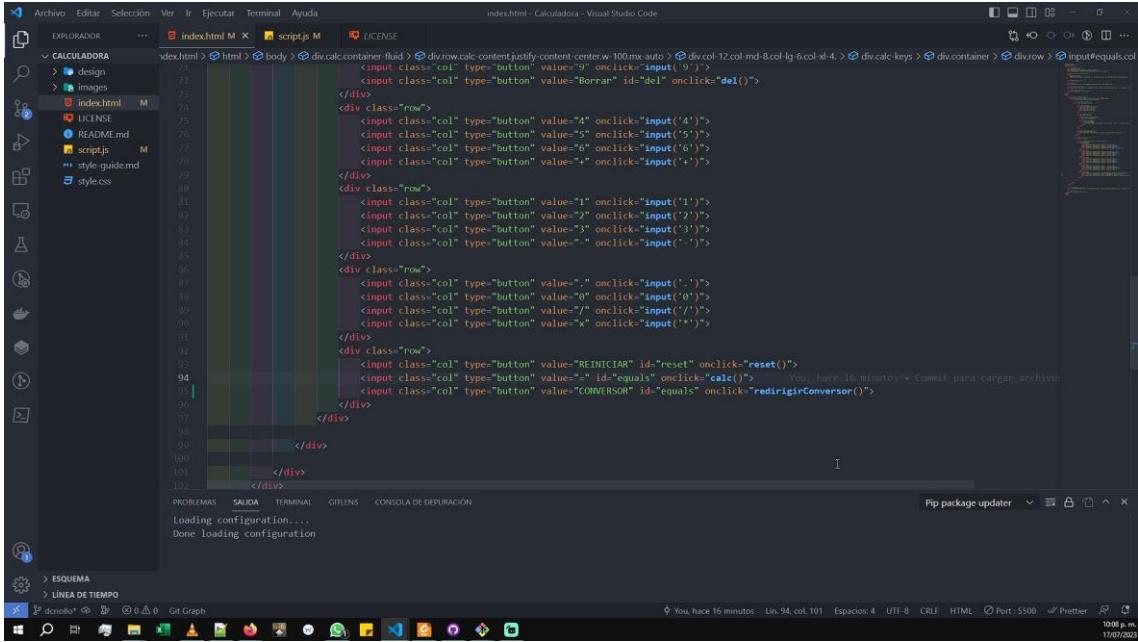
```
diff --git a/index.html b/index.html
@@ -12,7 +12,8 @@
 32 <!-- This responsive calculator is a portfolio project and challenge made by Frontend Mentor -->
 33 >
 34 >
 35 - <title>calculator</title>
 36 + <title>calculator</title>
 37 </head>
 38 <link rel="shortcut icon" href="images/favicon-32x32.png" type="image/x-icon">
 39
 40
 41 <div class="calculator">
 42   <div class="row top">
 43     <div class="col-4 title"></div>
 44     <div class="col-3 logo"></div>
 45     <div class="col-4 calculator"></div>
 46     <div class="col-3 tools"></div>
 47   </div>
 48   <div class="row middle">
 49     <div class="col-3 toggle">
 50       <div class="toggler">
 51         <input class="col" type="button" value="7" onclick="input('7')">
 52         <input class="col" type="button" value="8" onclick="input('8')">
 53         <input class="col" type="button" value="9" onclick="input('9')">
 54         <input class="col" type="button" value="AC" id="ac" onclick="del()"/>
 55         <input class="col" type="button" value="Delete" id="del" onclick="del()"/>
 56       </div>
 57     </div>
 58     <div class="col-3 sum ">
 59       <input class="col" type="button" value="4" onclick="input('4')">
 60       <input class="col" type="button" value="5" onclick="input('5')">
 61       <input class="col" type="button" value="6" onclick="input('6')"/>
 62     </div>
 63   </div>
 64   <div class="row bottom">
 65     <div class="col-3 buttons">
 66       <input class="col" type="button" value="0" onclick="input('0')"/>
 67       <input class="col" type="button" value="." onclick="input('.')"/>
 68     </div>
 69   </div>
 70 </div>
 71 <div class="row footer">
 72   <div class="col-3 buttons">
 73     <input class="col" type="button" value="RESET" id="reset" onclick="reset()"/>
 74     <input class="col" type="button" value="CLEAR" id="clear" onclick="clear()"/>
 75     <input class="col" type="button" value="DELETE" id="delete" onclick="del()"/>
 76   </div>
 77 </div>
 78 </div>
```

5. Implementación de 4 nuevas funcionalidades, el proceso para ello es el siguiente:
 - a. Se implementan dos funciones en el archivo scrip.js para permitir cargar una nueva interfaz de la calculadora se han nombrado como **redirigirInicio()** y **redirigirConversor()**

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

- File Explorer:** Shows a project structure for "CALCULADORA" containing files like index.html, script.js, style.css, and README.md.
- Code Editor:** The file "script.js" is open, displaying JavaScript code for a calculator. It includes functions for calculation logic, reset, delete, and redirection to different pages.
- Status Bar:** Shows "script.js - Calculadora - Visual Studio Code" at the top, and "Pip package update" in the bottom right.
- Bottom Bar:** Shows tabs for PROBLEMAS, SALIDA, TERMINAL, GITLENS, and CONSOLA DE DEPURACIÓN. Status messages include "Loading configuration..." and "Done loading configuration".
- Sidebar:** Includes icons for ESQUEMA and LÍNEA DE TIEMPO, and a Git Graph icon.

- b. Se adiciona un nuevo botón en index.html llamado conversor que permitirá dirigirse a la interfaz de conversión

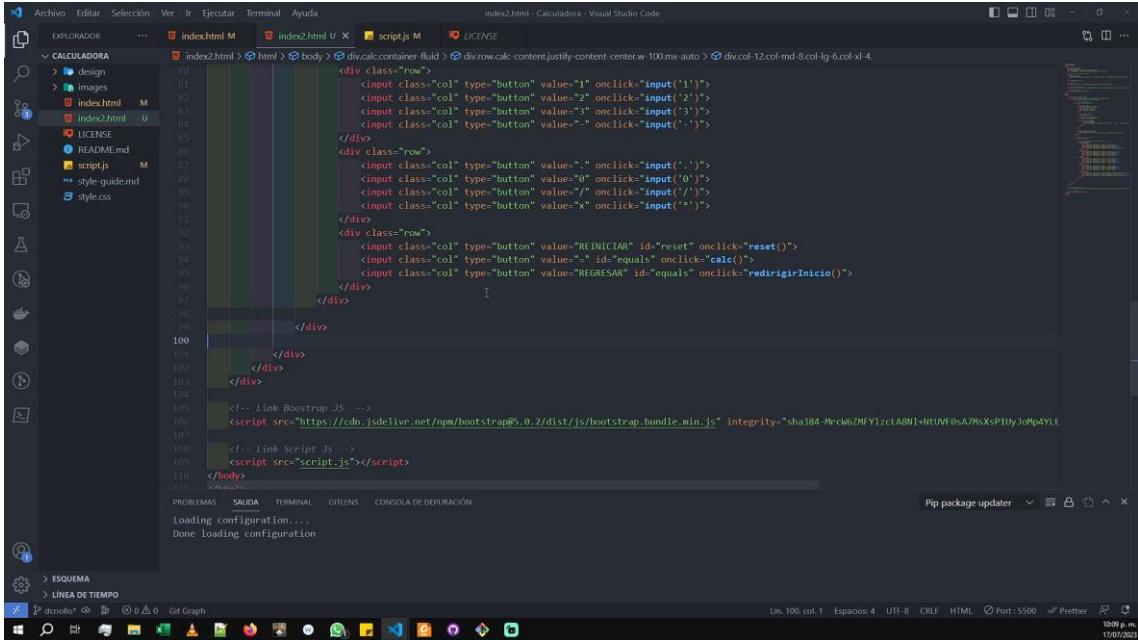


```

<input class="col" type="button" value="CONVERSOR" id="equals" onclick="redirigirConversor()"></div>
</div>

```

- c. Se duplica index.html y se renombra como index2.html, aquí se agrega el botón REGRESAR para volver al modo inicial de la calculadora



```

<input class="col" type="button" value="REGRESAR" id="equals" onclick="redirigirInicio()"></div>
</div>

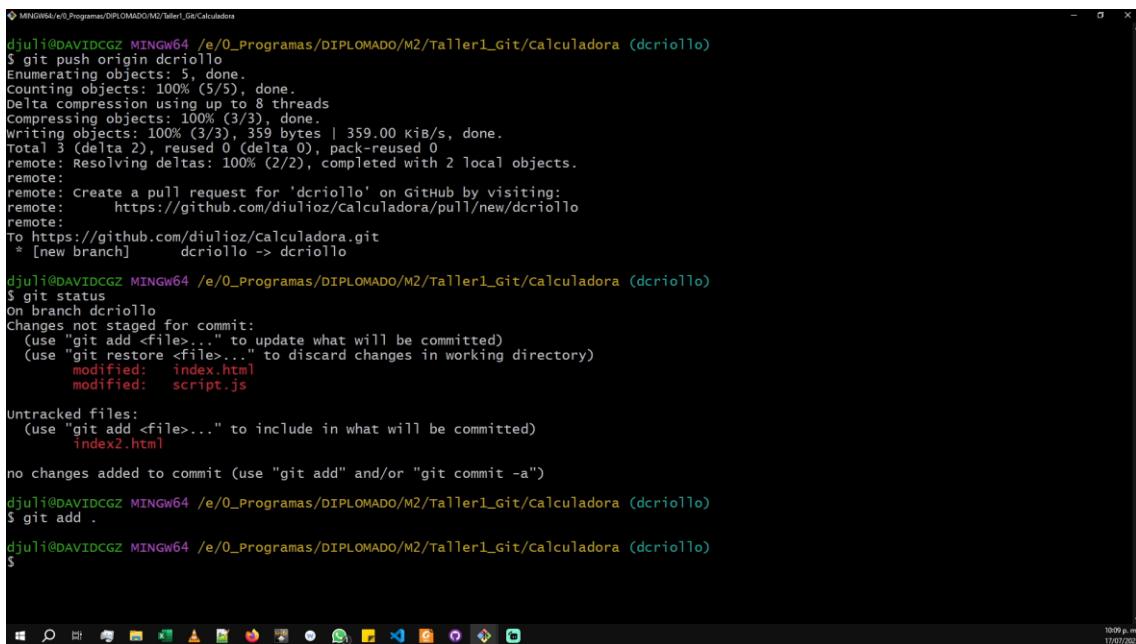
```

De momento la vista obtenida es la siguiente:

The screenshot shows a web browser window with a calculator application. The calculator has a dark purple background with white text. It features a numeric keypad from 0 to 9, arithmetic operators (+, -, /, x), and function keys (REINICIAR, =, CONVERSOR). The status bar at the bottom shows file paths and system information.

The screenshot shows the same web browser window with the calculator application. The 'CONVERSOR' button is now highlighted with a yellow glow, indicating it is the active or selected button.

d. Con **git status** podemos ver los nuevos archivos y los modificados



```
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git push origin dcriollo
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 359 bytes | 359.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'dcriollo' on GitHub by visiting:
remote:   https://github.com/diulioz/Calculadora/pull/new/dcriollo
remote:
To https://github.com/diulioz/Calculadora.git
 * [new branch]      dcriollo -> dcriollo

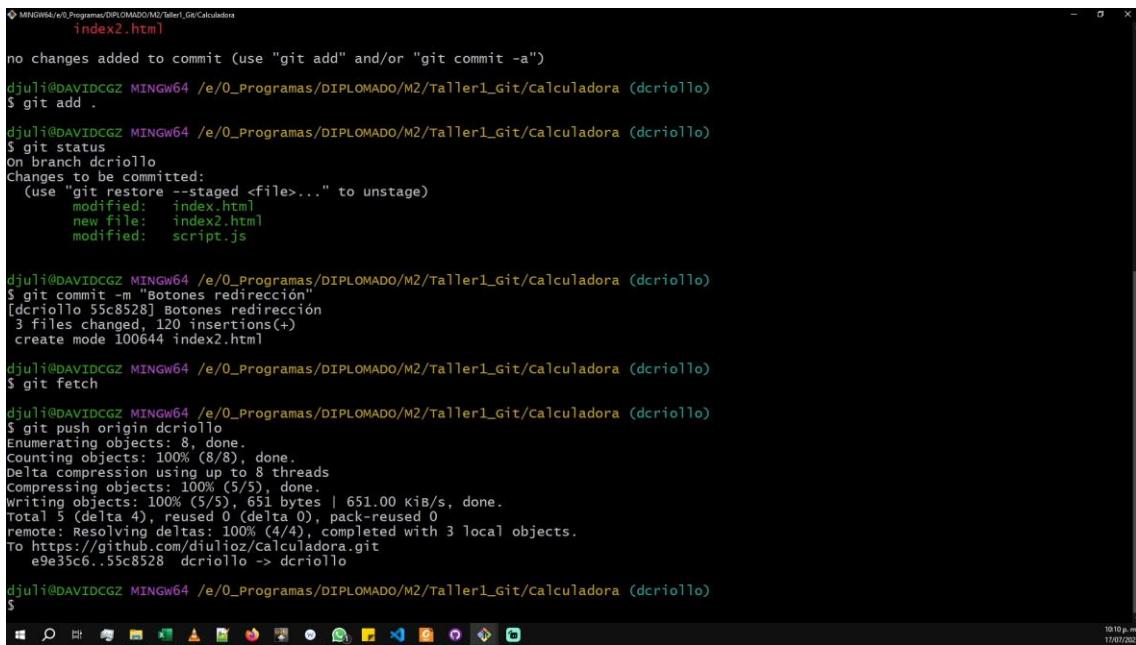
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git status
On branch dcriollo
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
            modified:   index.html
            modified:   script.js

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    index2.html

no changes added to commit (use "git add" and/or "git commit -a")
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git add .

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$
```

e. Cargamos los archivos a nuestro repositorio remoto



```
index2.html
no changes added to commit (use "git add" and/or "git commit -a")
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git add .

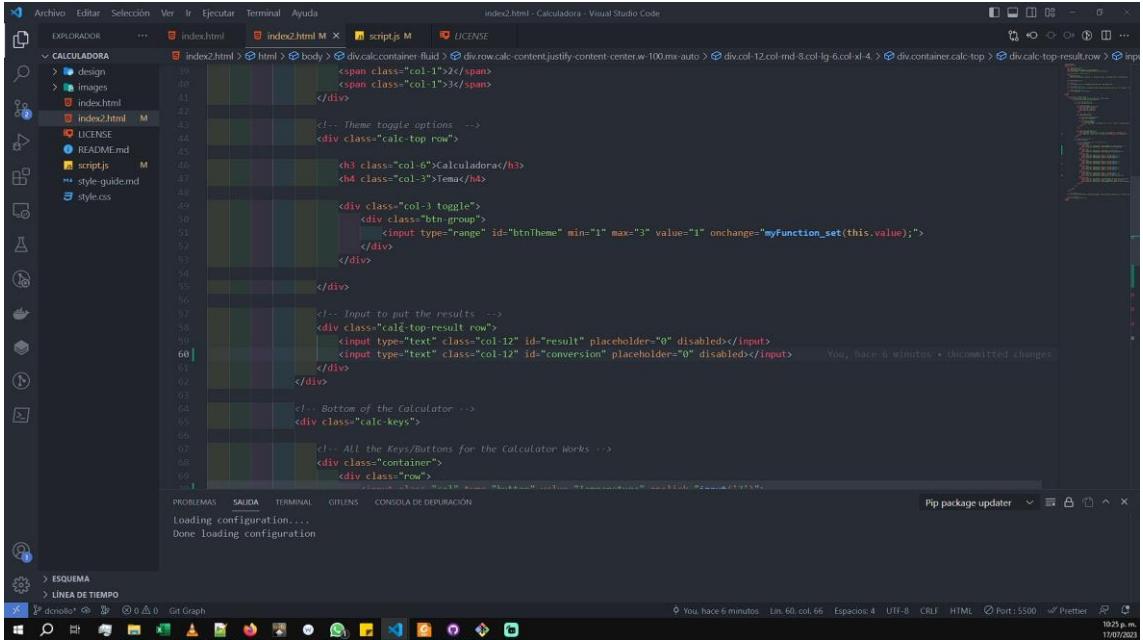
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git status
on branch dcriollo
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   index.html
    new file:   index2.html
    modified:   script.js

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git commit -m "Botones redirección"
[dcriollo 55c8528] Botones redirección
 3 files changed, 120 insertions(+)
 create mode 100644 index2.html

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git fetch
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git push origin dcriollo
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 651 bytes | 651.00 KiB/s, done.
Total 5 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 3 local objects.
To https://github.com/diulioz/Calculadora.git
  e9e35c6..55c8528  dcriollo -> dcriollo

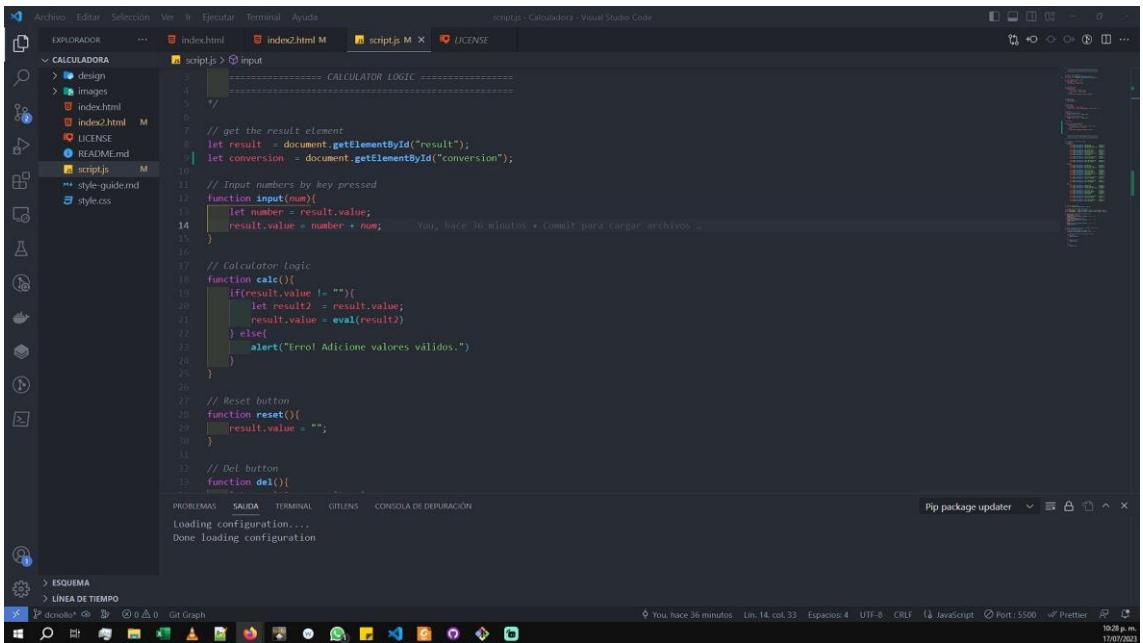
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$
```

f. Modificamos la interfaz agregando un nuevo input donde se mostrara la equivalencia



```
<div class="col-12" id="result" placeholder="0" disabled></input>
```

g. Creamos las variables en el archivo script.js



```
----- CALCULATOR LOGIC -----
// get the result element
let result = document.getElementById("result");
let conversion = document.getElementById("conversion");

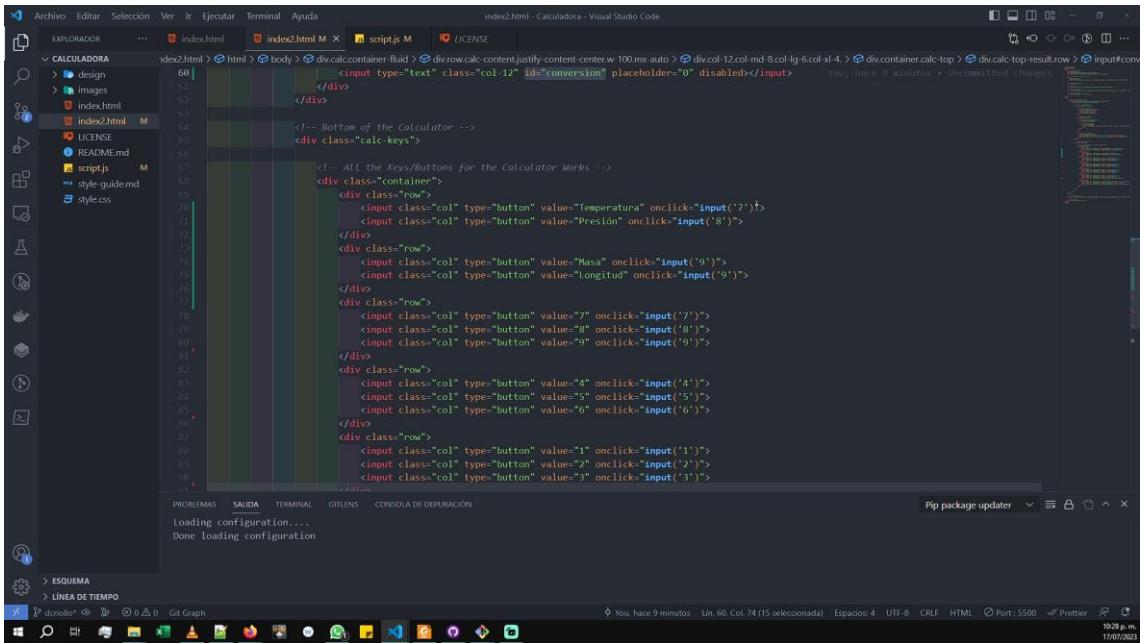
// Input numbers by key pressed
function input(num){
    let number = result.value;
    result.value = number + num;
}

// Calculator logic
function calc(){
    if(result.value != ""){
        let result2 = result.value;
        result.value = eval(result2);
    } else {
        alert("Error Adicione valores validos.");
    }
}

// Reset button
function reset(){
    result.value = "";
}

// Del button
function del(){
    result.value = result.value.slice(0,-1);
}
```

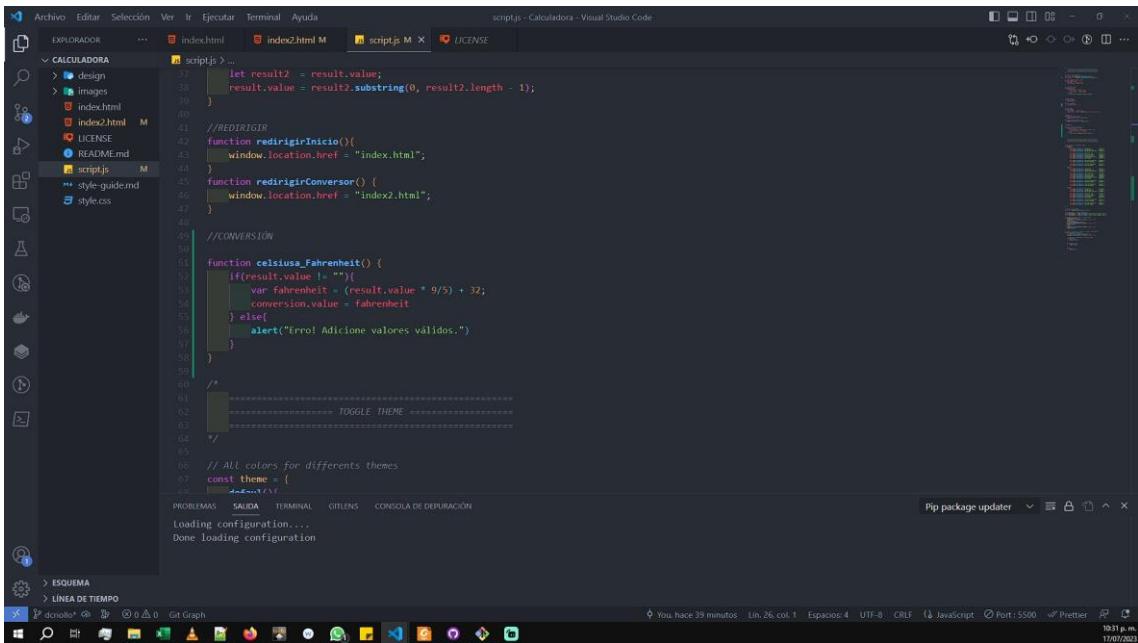
h. Creamos los botones de Temperatura, Presión, Masa y Longitud



The screenshot shows the Visual Studio Code interface with the file `index2.html` open. The code is structured with `<div>` elements for rows and `<input type="button">` elements for buttons. The buttons are grouped by class names like `col`, `conversion`, and `cal-keys`. The `conversion` class includes buttons for Temperature and Pressure. The `cal-keys` class includes buttons for Mass and Length.

```
<div>
  <input type="text" class="col-12" id="conversion" placeholder="0" disabled>
</div>
<!-- Bottom of the Calculator -->
<div class="cal-keys">
  <!-- All the Keys/Buttons for the Calculator Works -->
  <div class="container">
    <div class="row">
      <input class="col" type="button" value="Temperatura" onclick="input('7')">
      <input class="col" type="button" value="Presión" onclick="input('8')">
    </div>
    <div class="row">
      <input class="col" type="button" value="Masa" onclick="input('9')">
      <input class="col" type="button" value="Longitud" onclick="input('9')">
    </div>
    <div class="row">
      <input class="col" type="button" value="7" onclick="input('7')">
      <input class="col" type="button" value="8" onclick="input('8')">
      <input class="col" type="button" value="9" onclick="input('9')">
    </div>
    <div class="row">
      <input class="col" type="button" value="4" onclick="input('4')">
      <input class="col" type="button" value="5" onclick="input('5')">
      <input class="col" type="button" value="6" onclick="input('6')">
    </div>
    <div class="row">
      <input class="col" type="button" value="1" onclick="input('1')">
      <input class="col" type="button" value="2" onclick="input('2')">
      <input class="col" type="button" value="3" onclick="input('3')">
    </div>
  </div>
</div>
```

i. Creamos la función solicitada en el punto a: Funcionalidad Temperatura, pasar de Grados Centígrados a Fahrenheit.



The screenshot shows the Visual Studio Code interface with the file `script.js` open. The code contains functions for redirection and temperature conversion. The `celsius_Fahrenheit` function takes the value from the input field, converts it to Fahrenheit using the formula $(result.value * 9/5) + 32$, and updates the `conversion` input field. It also handles invalid input by alerting the user to add valid values.

```
let result2 = result.value;
result.value = result2.substring(0, result2.length - 1);

//REDIRIGIR
function redirigirInicio(){
  window.location.href = "index.html";
}
function redirigirConversor(){
  window.location.href = "index2.html";
}

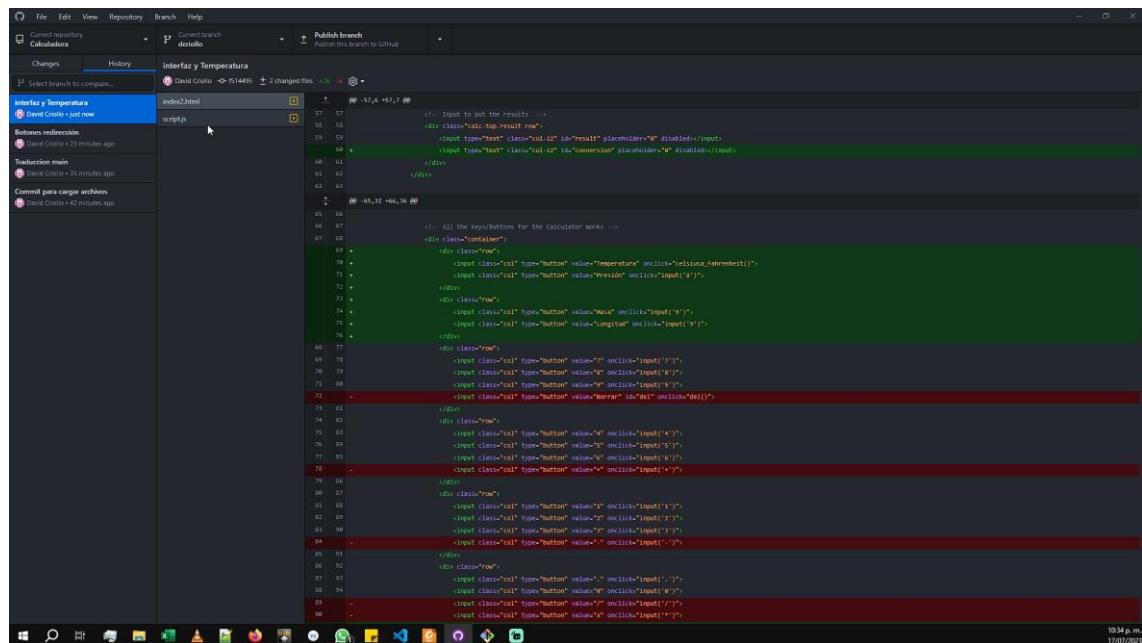
//CONVERSION
function celsius_Fahrenheit() {
  if(result.value != ""){
    var fahrenheit = (result.value * 9/5) + 32;
    conversion.value = fahrenheit;
  } else{
    alert("Error! Adicione valores válidos.");
  }
}

// All colors for different themes
const theme = (
```

Cargamos los cambios realizados a nuestro repositorio

```
MINGW64/e/_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora  
Counting objects: 100% (8/8), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (5/5), done.  
Writing objects: 100% (5/5), 651 bytes | 651.00 KiB/s, done.  
Total 5 (delta 4), reused 0 (delta 0), pack-reused 0  
remote: Resolving deltas: 100% (4/4), completed with 3 local objects.  
To https://github.com/djulioz/calculadora.git  
 e9e35c6..55c8528 dcriollo -> dcriollo  
  
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)  
$ git add .  
  
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)  
$ git status  
On branch dcriollo  
Changes to be committed:  
  (use "git restore --staged <file>..." to unstage)  
    modified: index2.html  
    modified: script.js  
  
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)  
$ git commit -m "interfaz y Temperatura"  
[dcriollo f514495] interfaz y Temperatura  
 2 files changed, 26 insertions(+), 6 deletions(-)  
  
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)  
$ git push origin dcriollo  
Enumerating objects: 7, done.  
Counting objects: 100% (7/7), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (4/4), done.  
Writing objects: 100% (4/4), 678 bytes | 678.00 KiB/s, done.  
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0  
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.  
To https://github.com/djulioz/calculadora.git  
 55c8528..f514495 dcriollo -> dcriollo  
  
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)  
$ |  
10:23 p.m.  
17/07/2021
```

Desde GitHub Desktop podemos ver en el commit interfaz y Temperatura los cambios realizados a los archivos index2.html y script.js



The screenshot shows the GitHub Desktop application interface. The main window displays a commit titled "interfaz y Temperatura" made by "David Criollo" on "just now". The commit message is "interfaz y Temperatura". Below the commit, there are two changes listed: "index2.html" and "script.js". The "index2.html" change shows a diff with several additions (green) and one deletion (red). The "script.js" change shows a diff with several additions (green) and one deletion (red). The code editor on the right shows the content of the "script.js" file, which contains various button definitions and logic.

```
index2.html
<!-- Input to put the results -->
<div class="calc-top-result" id="result" placeholder="0" disabled></input>
<input type="text" class="col-12" id="conversion" placeholder="Kilocalorías"></input>
<div class="row">
  <input class="col" type="button" value="0" onclick="input('0')">
  <input class="col" type="button" value="." onclick="input('.')">
  <input class="col" type="button" value="%" onclick="input('%')">
</div>
<div class="row">
  <input class="col" type="button" value="7" onclick="input('7')">
  <input class="col" type="button" value="8" onclick="input('8')">
  <input class="col" type="button" value="9" onclick="input('9')">
  <input class="col" type="button" value="del" id="del" onclick="del()">
</div>
<div class="row">
  <input class="col" type="button" value="4" onclick="input('4')">
  <input class="col" type="button" value="5" onclick="input('5')">
  <input class="col" type="button" value="6" onclick="input('6')">
  <input class="col" type="button" value="*" onclick="input('*')">
</div>
<div class="row">
  <input class="col" type="button" value="1" onclick="input('1')">
  <input class="col" type="button" value="2" onclick="input('2')">
  <input class="col" type="button" value="3" onclick="input('3')">
  <input class="col" type="button" value="-" onclick="input('-')">
</div>
<div class="row">
  <input class="col" type="button" value="0" onclick="input('0')">
  <input class="col" type="button" value="." onclick="input('.')">
  <input class="col" type="button" value="/" onclick="input('/')">
  <input class="col" type="button" value="+" onclick="input('+')">
</div>
```

The screenshot shows a GitHub pull request interface. The repository is named "Calculadora". The branch is "stabilo". The title of the pull request is "interfaz y Temperatura". The commit message is "index2.html". The code editor displays the file "script.js". The code is a JavaScript file containing logic for a calculator. A red box highlights several lines of code related to button click events for digits and operators. The status bar at the bottom right indicates "10:34 p.m. 17/07/2023".

```
// All the key/Button for the calculator works ...


<div>
        <div class="col">
            <input class="col" type="button" value="temperature" onclick="calcula_abrenheit()">
            <input class="col" type="button" value="Precision" onclick="input('')">
        </div>
    </div>
    <div class="row">
        <input class="col" type="button" value="Mas" onclick="input('0')">
        <input class="col" type="button" value="Lengua" onclick="input('0')">
    </div>
    <div class="row">
        <input class="col" type="button" value="0" onclick="input('0')">
        <input class="col" type="button" value="." onclick="input('.')">
        <input class="col" type="button" value="=" onclick="input('=')">
        <input class="col" type="button" value="Borrar" id="del" onclick="del()"/>
    </div>
    <div class="row">
        <input class="col" type="button" value="9" onclick="input('9')">
        <input class="col" type="button" value="8" onclick="input('8')">
        <input class="col" type="button" value="7" onclick="input('7')">
        <input class="col" type="button" value="6" onclick="input('6')">
    </div>
    <div class="row">
        <input class="col" type="button" value="5" onclick="input('5')">
        <input class="col" type="button" value="4" onclick="input('4')">
        <input class="col" type="button" value="3" onclick="input('3')">
        <input class="col" type="button" value="2" onclick="input('2')">
    </div>
    <div class="row">
        <input class="col" type="button" value="1" onclick="input('1')">
        <input class="col" type="button" value="0" onclick="input('0')">
        <input class="col" type="button" value="." onclick="input('.')"/>
        <input class="col" type="button" value="Borrar" id="del" onclick="del()"/>
    </div>
    <div class="row">
        <input class="col" type="button" value="Reset" id="reset" onclick="reset()"/>
        <input class="col" type="button" value="Borrar" id="reset" onclick="reset()"/>
        <input class="col" type="button" value="=" id="equals" onclick="calc()"/>
        <input class="col" type="button" value="Restar" id="equals" onclick="restar()"/>
    </div>


```

The screenshot shows a GitHub repository interface for a project named 'interfaz y Temperatura'. The current branch is 'stabilo'. The 'script.js' file is open, containing the following code:

```
index2.html
script.js

// get the result element
let result = document.getElementById("result");
var conversion = document.getElementById("conversion");

// Input numbers by key pressed
function inputnum(){
    // 27,8->89,9 function calc(){
}

function reset(){
    result.value = "";
}

function reset2(){
    + conversion.value = "";
}

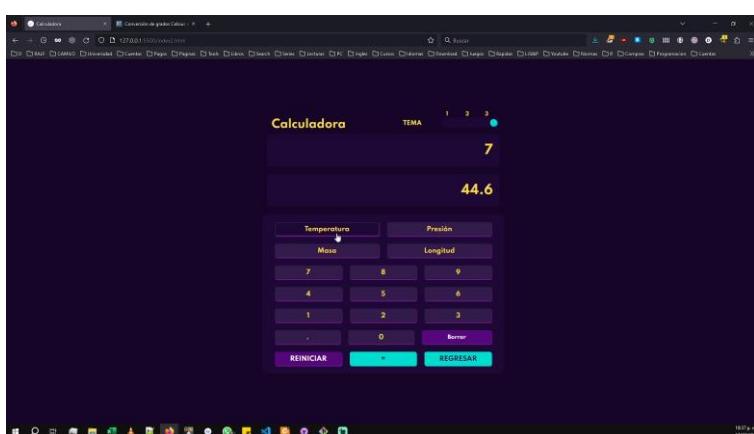
// Del button
function del(){
    // 47,5->46,17 function redirigirConversion() {
        window.location.href = "index.html";
    }
}

//CONVERSIÓN
function celcius(fahrenheit) {
    if(result.value != ""){
        var fahrenheit = (result.value * 9/5) + 32;
        conversion.value = fahrenheit;
    } else{
        alert("Error! Adicione valores válidos.");
    }
}

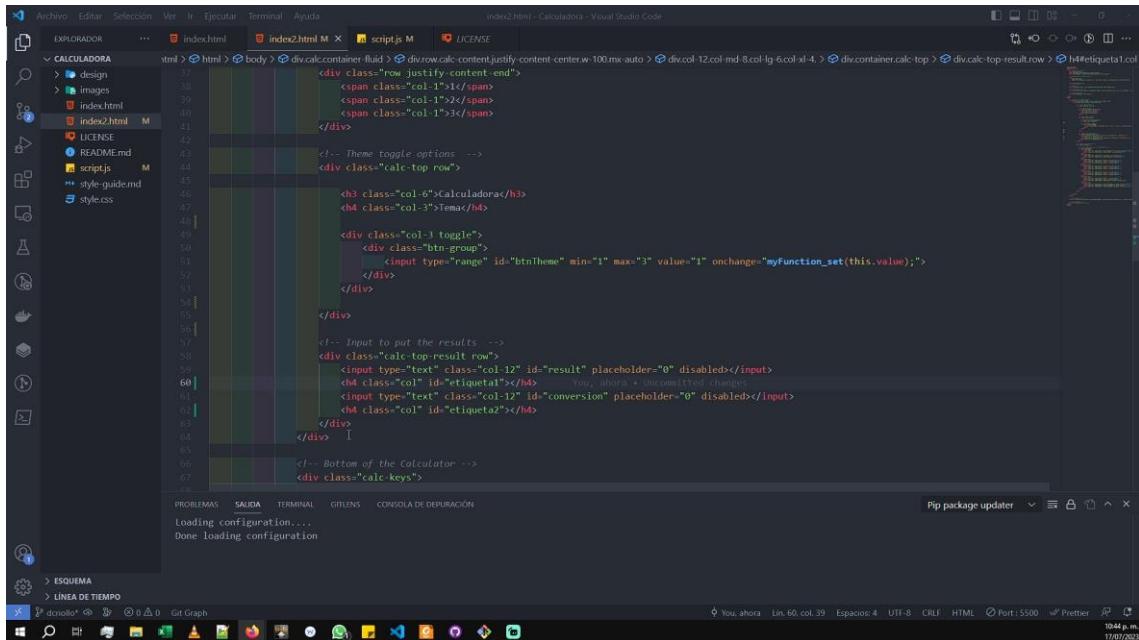
// TOGGLE

```

La siguiente es una vista de la Calculadora con la primera funcionalidad

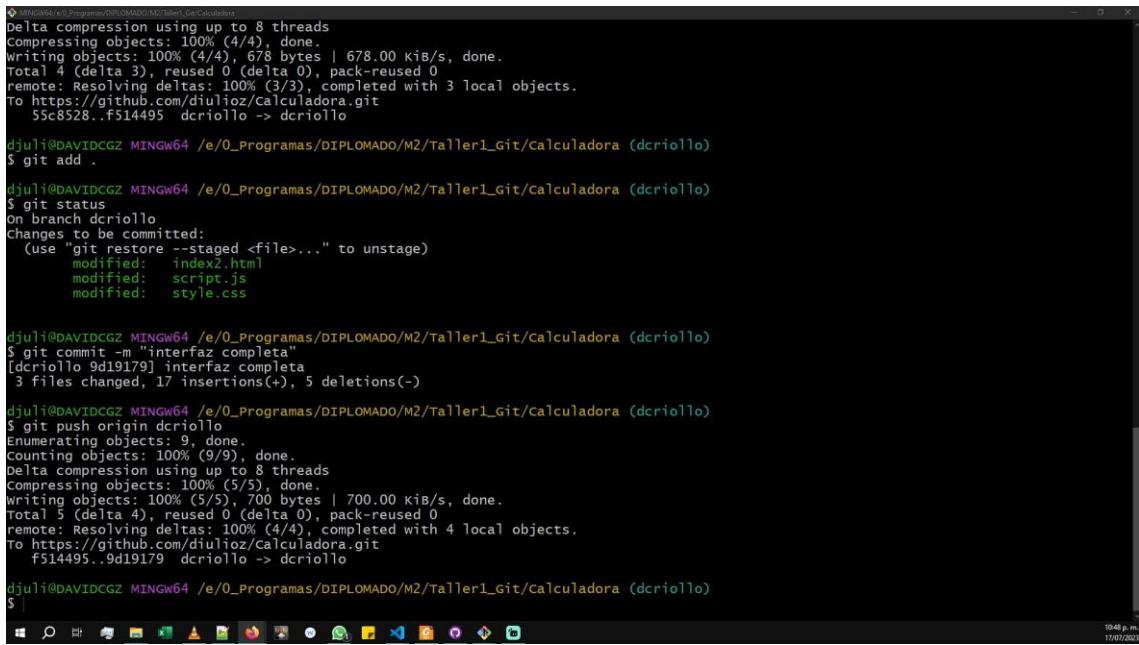


j. Creamos dos etiquetas para mostrar entre que unidades se hace la equivalencia



```
<div class="row justify-content-end">
    <span class="col-1">2</span>
    <span class="col-1">3</span>
</div>
<!-- Theme toggle options -->
<div class="calc-top row">
    <h3 class="col-6">Calculadora</h3>
    <div class="col-3" id="tema"></div>
    <div class="col-3" toggle>
        <div class="btn-group">
            <input type="range" id="btnTheme" min="1" max="3" value="1" onchange="myfunction_set(this.value);"/>
        </div>
    </div>
</div>
<!-- Input to put the results -->
<div class="calc-top-result row">
    <input type="text" class="col-12" id="result" placeholder="0" disabled>
    <div class="col" id="etiqueta1"></div> You, ahora + Uncommitted changes
    <input type="text" class="col-12" id="conversion" placeholder="0" disabled>
    <div class="col" id="etiqueta2"></div>
</div>
<!-- Bottom of the Calculator -->
<div class="calc-keys">
```

Cargamos los cambios realizados a nuestro repositorio



```
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git add .
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git status
On branch dcriollo
Changes to be committed:
  (use "git restore --staged <file>" to unstage)
    modified: index2.html
    modified: script.js
    modified: style.css

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git commit -m "interfaz completa"
[dcriollo 9d19179] interfaz completa
 3 files changed, 17 insertions(+), 5 deletions(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git push origin dcriollo
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 700 bytes | 700.00 kB/s, done.
Total 5 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
To https://github.com/diulioz/calculadora.git
  f514495..9d19179  dcriollo -> dcriollo

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ |
```

- k. Como la interfaz esta lista y la primera funcionalidad esta completa se hace el primer merge de la rama dcriollo con la rama main para ello ejecutamos los comandos, **git checkout main**, **git merge dcriollo** y **git push -u origin main**

```
[dcriollo 9d19179] interfaz completa
3 files changed, 17 insertions(+), 5 deletions(-)

djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git push origin dcriollo
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 700 bytes | 700.00 KiB/s, done.
Total 5 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
To https://github.com/dulioz/calculadora.git
  f514495..9d19179  dcriollo -> dcriollo

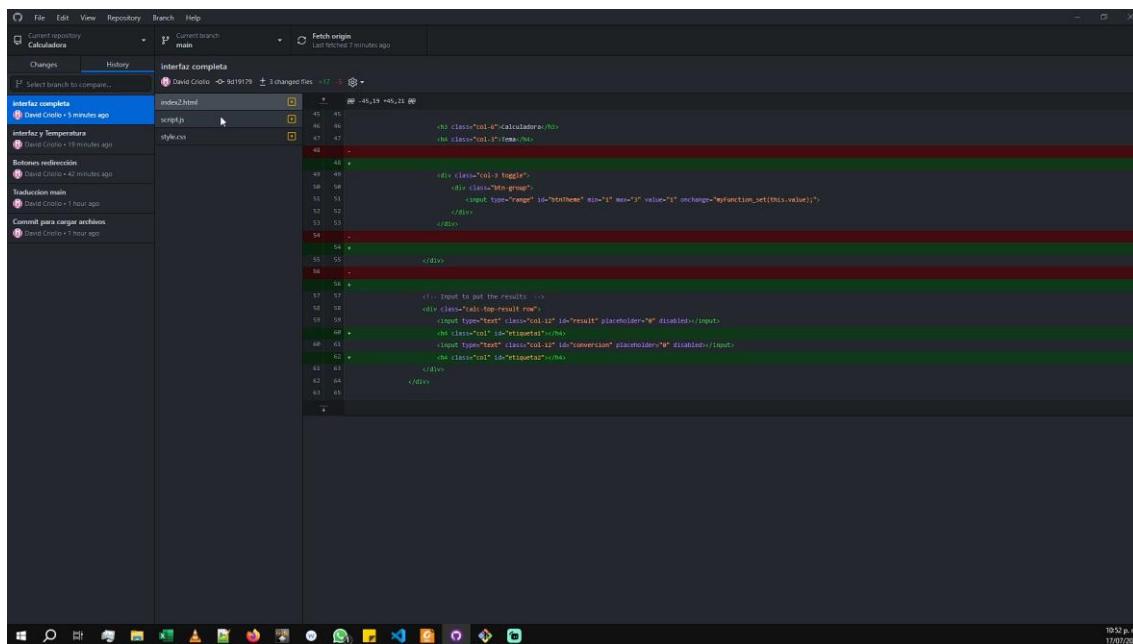
djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git merge dcriollo
Updating d293e43..9d19179
Fast-forward
 index.html | 11 ++++---
 index2.html | 118 ++++++++-----+
 script.js   |  31 ++++++++
 style.css   |   4 +++
 4 files changed, 158 insertions(+), 6 deletions(-)
 create mode 100644 index2.html

djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git push -u origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/dulioz/calculadora.git
  d293e43..9d19179  main -> main
branch 'main' set up to track 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$
```

Con GitHub Desktop podemos ver que los commits realizados en dcriollo ahora se han fusionado con la rama main



Screenshot of a GitHub commit history showing a pull request for a "Calculadora" repository. The commit message is "interfaz completa". The code changes are displayed in a diff view, showing modifications to index2.html, script.js, and style.css. The code includes functions for calculating Celsius to Fahrenheit and vice versa, with validation for input values.

```

diff --git a/index2.html b/index2.html
@@ -26,7 +26,7 @@ function calc(){
    let result = resultvalues;
    result.value = eval(result);
}
else{
    alert("Error! Adicione valores válidos.");
}
}
}

@@ -29,6 +29,7 @@ function reset(){
    result.value = "";
}

function reset2(){
    result.value = "";
    conversion.value = "";
}

@@ -50,8 +51,11 @@ function celcius(fahrenheit){
    if(result.value > 0){
        var fahrenheit = (result.value * 9/5) + 32;
        conversion.value = fahrenheit;
        var text1 = "Grado Celcius";
        var text2 = "Grado Fahrenheit";
        document.getElementById("etiqueta1").textContent=text1;
        document.getElementById("etiqueta2").textContent=text2;
    }
}
}

@@ -22,23 +22,24 @@ input[type=range]::ms-thumb {
    width: 100px;
    height: 10px;
    border-radius: 5px;
    background-color: #ccc;
    border: 1px solid #ccc;
    position: relative;
    margin-left: 10px;
}
#etiqueta1 {
    text-align: left;
}

```

Screenshot of a GitHub commit history showing a pull request for a "Calculadora" repository. The commit message is "interfaz completa". The code changes are displayed in a diff view, showing modifications to index2.html, script.js, and style.css. The code includes functions for calculating Celsius to Fahrenheit and vice versa, with validation for input values.

```

diff --git a/index2.html b/index2.html
@@ -26,7 +26,7 @@ function calc(){
    let result = resultvalues;
    result.value = eval(result);
}
else{
    alert("Error! Adicione valores válidos.");
}
}
}

@@ -29,6 +29,7 @@ function reset(){
    result.value = "";
}

function reset2(){
    result.value = "";
    conversion.value = "";
}

@@ -50,8 +51,11 @@ function celcius(fahrenheit){
    if(result.value > 0){
        var fahrenheit = (result.value * 9/5) + 32;
        conversion.value = fahrenheit;
        var text1 = "Grado Celcius";
        var text2 = "Grado Fahrenheit";
        document.getElementById("etiqueta1").textContent=text1;
        document.getElementById("etiqueta2").textContent=text2;
    }
}
}

@@ -22,23 +22,24 @@ input[type=range]::ms-thumb {
    width: 100px;
    height: 10px;
    border-radius: 5px;
    background-color: #ccc;
    border: 1px solid #ccc;
    position: relative;
    margin-left: 10px;
}
#etiqueta1 {
    text-align: left;
}

```

La interfaz de la calculadora con la función Temperatura es la siguiente:



I. Creamos la función solicitada en el punto b: Funcionalidad Presión, pasar de Pascal a Bar.

```
index.html M script.js M
CALCULADORA
design
images
index.html
index2.html M
LICENSE
README.md
script.js M
style-guide.md
style.css

var texto1 = "Grado Fahrenheit"
document.getElementById("etiqueta1").textContent=texto1;
document.getElementById("etiqueta2").textContent=texto2;

} else{
    alert("Error! Adicione valores válidos.")
}

function pascal_Bar(){
    if(result.value != ""){
        var bar = result.value / 100000;      You, hace 1 segundo • Uncommitted changes
        conversion.value = bar
        var texto1 = "Pascal"
        var texto2 = "Bar"
        document.getElementById("etiqueta1").textContent=texto1;
        document.getElementById("etiqueta2").textContent=texto2;

    } else{
        alert("Error! Adicione valores válidos.")
    }
}

// ALL colors for different themes
const theme = [
    default()
]

PROBLEMAS SALIDA TERMINAL OLENS CONSOLA DE DEPURACIÓN
Loading configuration...
Done loading configuration

You hace 1 segundo Lin: 67 col: 31 Espacio: 4 UTF-8 CRLF JavaScript Port: 5500 Prettier 105 p. m. 17/07/2023
```

```
index2.html - Calculadora - Visual Studio Code
index2.html M script.js M
CALCULADORA
design
images
index.html
index2.html M
LICENSE
README.md
script.js M
style-guide.md
style.css

<!-- Input to put the results -->
<div class="calc-top-result row">
    <input type="text" class="col-12" id="result" placeholder="0" disabled>
    <div class="col" id="etiqueta1"></div>
    <input type="text" class="col-12" id="conversion" placeholder="0" disabled>
    <div class="col" id="etiqueta2"></div>
</div>

<!-- Bottom of the Calculator -->
<div class="cal-keys">
    <div class="container">
        <div class="row">
            <input class="col" type="button" value="Temperatura" onclick="celisua_Fahrenheit()">
            <input class="col" type="button" value="Presión" onclick="pascal_Bar()">      You, ahora • Uncommitted changes
        </div>
        <div class="row">
            <input class="col" type="button" value="Masa" onclick="input('9')">
            <input class="col" type="button" value="Longitud" onclick="input('9')">
        </div>
        <div class="row">
            <input class="col" type="button" value="/" onclick="input('/')">
            <input class="col" type="button" value="8" onclick="input('8')">
            <input class="col" type="button" value="9" onclick="input('9')">
        </div>
        <div class="row">
            <input class="col" type="button" value="4" onclick="input('4')">
            <input class="col" type="button" value="5" onclick="input('5')">
        </div>
    </div>
</div>

PROBLEMAS SALIDA TERMINAL OLENS CONSOLA DE DEPURACIÓN
Loading configuration...
Done loading configuration

You, ahora Lin: 73 col: 98 Espacio: 4 UTF-8 CRLF HTML Port: 5500 Prettier 105 p. m. 17/07/2023
```

Cargamos los cambios realizados a nuestra rama

```
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git merge dcriollo
Updating d293e43..9d19179
Fast-forward
 index.html | 11 ++++++-
 index2.html | 118 ++++++++++++++++++++++++-----+
 script.js   | 31 ++++++++
 style.css   |  4 +++
 4 files changed, 158 insertions(+), 6 deletions(-)
 create mode 100644 index2.html

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git push -u origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/djuli0z/calculadora.git
 d293e43..9d19179 main -> main
branch 'main' set up to track 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git checkout dcriollo
Switched to branch 'dcriollo'

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git add .

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git status
On branch dcriollo
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:  index2.html
    modified:  script.js

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git commit -m "Preston"
[dcriollo 7fb1497] Preston
 2 files changed, 14 insertions(+), 1 deletion(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git status

```

Como la funcionalidad esta completa hacemos un merge de la rama dcriollo con la rama main.

```
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora
On branch dcriollo
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:  index2.html
    modified:  script.js

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git commit -m "Preston"
[dcriollo 7fb1497] Preston
 2 files changed, 14 insertions(+), 1 deletion(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git merge dcriollo
Updating 9d19179..7fb1497
Fast-forward
 index2.html |  2 ++
 script.js   | 13 ++++++++
 2 files changed, 14 insertions(+), 1 deletion(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git push -u origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 502 bytes | 502.00 kib/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/djuli0z/calculadora.git
 9d19179..7fb1497 main -> main
branch 'main' set up to track 'origin/main'.

```

La vista de la calculadora es la siguiente:



m. Creamos la función solicitada en el punto c: Funcionalidad Masa, pasar de Kilos a Gramos.

The screenshot shows a Microsoft Visual Studio Code interface with the following details:

- File Explorer:** Shows files like `index2.html`, `script.js`, `style.css`, and `style-guide.md`.
- Code Editor:** Displays two functions:
 - `pascal_Bar()`: Converts Pascal to Bar.
 - `kilos_Gramos()`: Converts Kilograms to Grams.
- Status Bar:** Shows "Pip package updater" and "Loading configuration.... Done loading configuration".
- Bottom Taskbar:** Includes icons for GitHub, Git Graph, and various system applications.



```
<div class="calc-top-result row">
  <input type="text" class="col-12" id="result" placeholder="0" disabled>
<div class="col" id="etiqueta"></div>
<input type="text" class="col-12" id="conversion" placeholder="0" disabled>
<div class="col" id="etiqueta2"></div>
</div>
<!-- Bottom of the Calculator -->
<div class="calc keys">
  <!-- All the Keys/Buttons for the Calculator Works -->
  <div class="container">
    <div class="row">
      <input class="col" type="button" value="Temperatura" onclick="celsius_Fahrenheit()">
      <input class="col" type="button" value="Presión" onclick="pascal_Bar()">
    </div>
    <div class="row">
      <input class="col" type="button" value="Masa" onclick="kilos_Gramos()">
      <input class="col" type="button" value="Longitud" onclick="input('9')">
    </div>
    <div class="row">
      <input class="col" type="button" value="/" onclick="input('7')">
      <input class="col" type="button" value="8" onclick="input('8')">
      <input class="col" type="button" value="9" onclick="input('9')">
    </div>
    <div class="row">
      <input class="col" type="button" value="4" onclick="input('4')">
      <input class="col" type="button" value="5" onclick="input('5')">
      <input class="col" type="button" value="6" onclick="input('6')">
    </div>
  </div>
</div>
```

Vista de la funcionalidad implementada:



Cargamos los cambios realizados en nuestro repositorio

```
MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora
$ git push -u origin dcriollo
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/diulioz/calculadora.git
  9d19179..7fb1497  dcriollo -> dcriollo
branch 'dcriollo' set up to track 'origin/dcriollo'.
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git add .

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git status
on branch dcriollo
Your branch is up to date with 'origin/dcriollo'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   index2.html
    modified:   script.js

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git commit -m "Masa"
[dcriollo a7ce314] Masa
 2 files changed, 18 insertions(+), 1 deletion(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git push -u origin dcriollo
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 501 bytes | 501.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/diulioz/calculadora.git
  7fb1497..a7ce314  dcriollo -> dcriollo
branch 'dcriollo' set up to track 'origin/dcriollo'.
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git checkout dcriollo
11:13 p.m.
17/07/2021
```

Como la funcionalidad esta completa hacemos un merge de la rama dcriollo con la rama main.

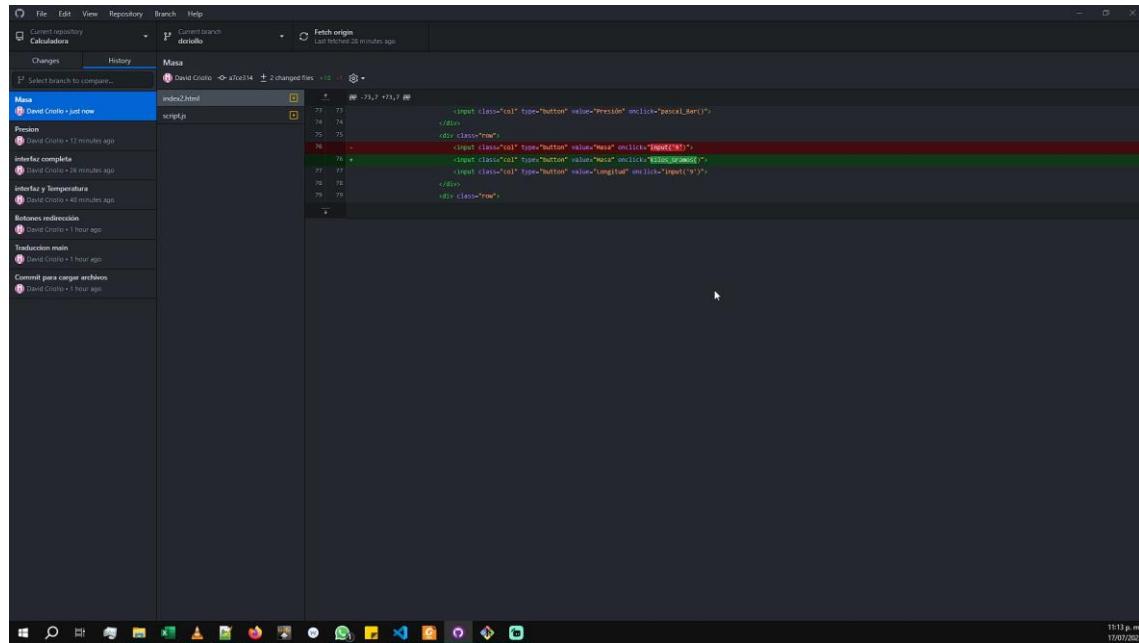
```
MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git commit -m "Masa"
[dcriollo a7ce314] Masa
 2 files changed, 18 insertions(+), 1 deletion(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git push -u origin dcriollo
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 501 bytes | 501.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/diulioz/calculadora.git
  7fb1497..a7ce314  dcriollo -> dcriollo
branch 'dcriollo' set up to track 'origin/dcriollo'.
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (dcriollo)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

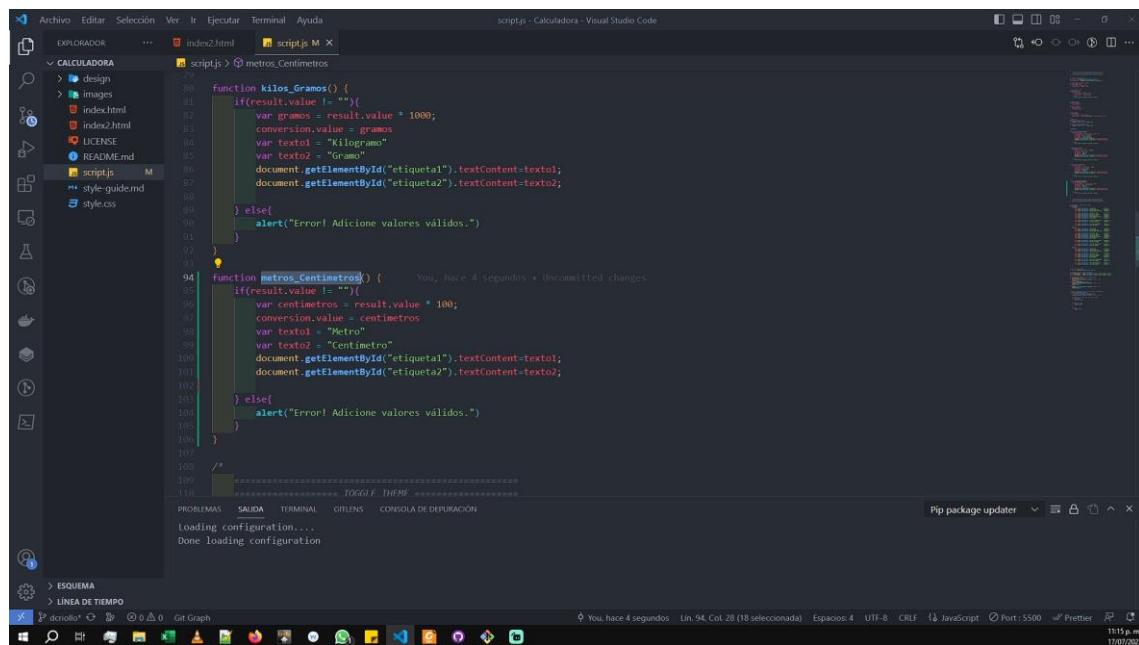
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git merge dcriollo
Updating 7fb1497..a7ce314
Fast-forward
 index2.html |  2 ++
 script.js   | 17 ++++++=====
 2 files changed, 18 insertions(+), 1 deletion(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$ git push -u origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/diulioz/calculadora.git
  7fb1497..a7ce314  main -> main
branch 'main' set up to track 'origin/main'.
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/calculadora (main)
$
```

En GitHub Desktop podemos observar los diferentes commits que hemos realizado hasta el momento, así como los cambios realizados en cada archivo.



- Creamos la función solicitada en el punto d: Funcionalidad Longitud, pasar de Metros a Centímetros.



```
index2.html - Calculadora - Visual Studio Code
File Edit Selection View Insert Terminal Help
EXPLORADOR index2.html script.js M
CALCULADORA
design
Images
index.html
index2.html
LICENSE
README.md
script.js
style-guide.md
style.css

<div class="calc-top">
  <div class="calc-top__result">
    <input type="text" class="col-12" id="result" placeholder="0" disabled>
  </div>
  <div class="col" id="etiquetas"></div>
  <div class="col" id="conversion"></div>
</div>

<!-- Bottom of the Calculator -->
<div class="calc-keys">

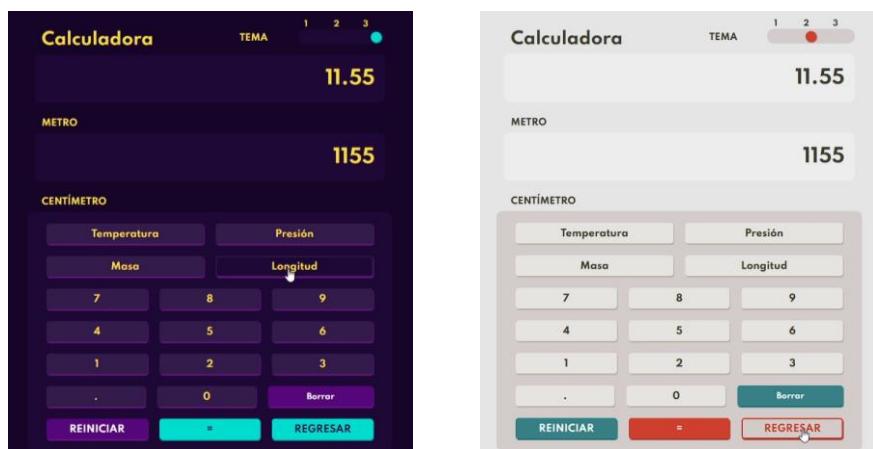
  <!-- All the Keys/Buttons for the Calculator Works -->
  <div class="container">
    <div class="row">
      <input class="col" type="button" value="Temperatura" onclick="celsius_a_Fahrenheit()">
      <input class="col" type="button" value="Presión" onclick="pascal_Bar()"/>
    </div>
    <div class="row">
      <input class="col" type="button" value="Masa" onclick="kilos_Gramos()"/>
      <input class="col" type="button" value="Longitud" onclick="metros_Centimetros()"/>
    </div>
    <div class="row">
      <input class="col" type="button" value="/" onclick="input('/')"/>
      <input class="col" type="button" value="8" onclick="input('8')"/>
      <input class="col" type="button" value="9" onclick="input('9')"/>
    </div>
    <div class="row">
      <input class="col" type="button" value="4" onclick="input('4')"/>
      <input class="col" type="button" value="5" onclick="input('5')"/>
      <input class="col" type="button" value="6" onclick="input('6')"/>
    </div>
  </div>
</div>
```

PROBLEMAS SALIDA TERMINAL GIRLENS CONSOLA DE DEPURACIÓN

Loading configuration...
Done loading configuration

Pip package update

Vista de la funcionalidad implementada en dos de los temas con que cuenta la calculadora:



Cargamos los cambios realizados en nuestro repositorio

```
MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora
Fast-forward
index2.html |  2 ++
script.js   | 17 ++++++-----+
 2 files changed, 18 insertions(+), 1 deletion(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (main)
$ git push -u origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/djulioz/Calculadora.git
  7fb1497..a7ce314  main -> main
branch 'main' set up to track 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (main)
$ git checkout dcriollo
Switched to branch 'dcriollo'
Your branch is up to date with 'origin/dcriollo'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git add .

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git commit -m "Longitud"
[dcriollo 1455af3] Longitud
 2 files changed, 14 insertions(+), 2 deletions(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git push -u origin dcriollo
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 483 bytes | 483.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/djulioz/Calculadora.git
 a7ce314..1455af3  dcriollo -> dcriollo
branch 'dcriollo' set up to track 'origin/dcriollo'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$
```

Como la funcionalidad esta completa hacemos un merge de la rama dcriollo con la rama main.

```
MINGW64/e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora
djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git commit -m "Longitud"
[dcriollo 1455af3] Longitud
 2 files changed, 14 insertions(+), 2 deletions(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git push -u origin dcriollo
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 483 bytes | 483.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/djulioz/Calculadora.git
 a7ce314..1455af3  dcriollo -> dcriollo
branch 'dcriollo' set up to track 'origin/dcriollo'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (dcriollo)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (main)
$ git merge dcriollo
Updating a7ce314..1455af3
Fast-forward
 index2.html |  2 ++
 script.js   | 14 ++++++-----+
 2 files changed, 14 insertions(+), 2 deletions(-)

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (main)
$ git push -u origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/djulioz/Calculadora.git
 a7ce314..1455af3  main -> main
branch 'main' set up to track 'origin/main'.

djuli@DAVIDCGZ MINGW64 /e/0_Programas/DIPLOMADO/M2/Taller1_Git/Calculadora (main)
$ |
```