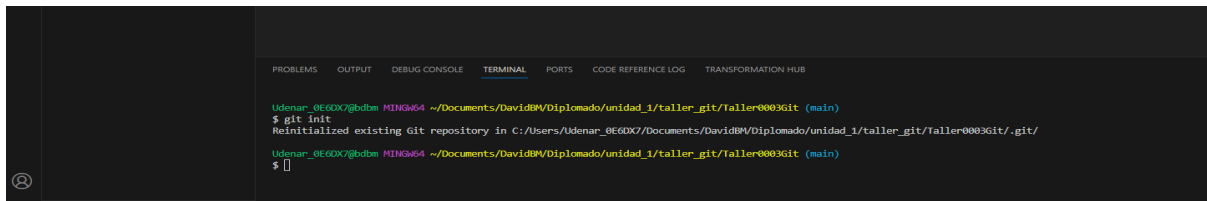


**Universidad de Nariño.  
Ingeniería de Sistemas.  
Diplomado de actualización en nuevas tecnologías para el  
desarrollo de Software.**

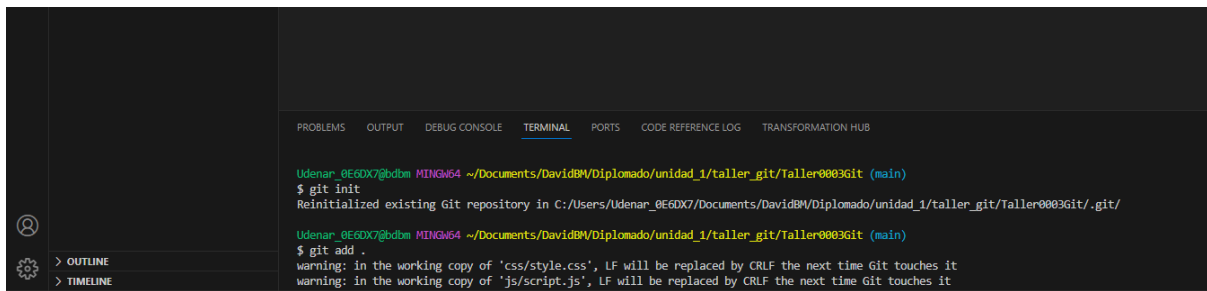
**Bolivar David Bastidas Madroñero**

- creamos repositorio local y realizamos primer commit
  - a. iniciamos el versionamiento del repositorio en nuestra carpeta con “git init”



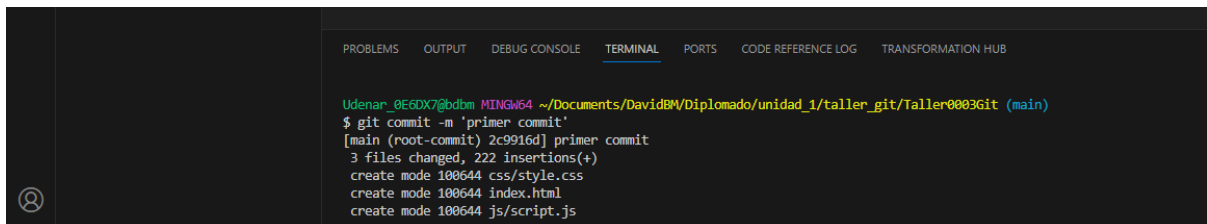
```
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git (main)
$ git init
Reinitialized existing Git repository in C:/Users/Udenar_0E6DX7/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git/.git/
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git (main)
$ []
```

- b. agregamos los archivos aal staging area con el comando “git add .”



```
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git (main)
$ git init
Reinitialized existing Git repository in C:/Users/Udenar_0E6DX7/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git/.git/
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git (main)
$ git add .
warning: in the working copy of 'css/style.css', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'js/script.js', LF will be replaced by CRLF the next time Git touches it
```

- c. se realiza el commit inicial con el comando “git commit -m” con un mensaje



```
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git (main)
$ git commit -m 'primer commit'
[main (root-commit) 2c9916d] primer commit
3 files changed, 222 insertions(+)
create mode 100644 css/style.css
create mode 100644 index.html
create mode 100644 js/script.js
```

- creamos repositorio remoto y subimos avances
  - a. creamos el repositorio remoto

## Create a new repository

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

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

Owner \* bdavidbm / Repository name \* Taller0003Git  
✓ Taller0003Git is available.

Great repository names are short and memorable. Need inspiration? How about [potential-goggles](#) ?

Description (optional)

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

Initialize this repository with:

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

Add .gitignore

.gitignore template: None

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

Choose a license

License: None

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

i You are creating a public repository in your personal account.

Create repository

b.

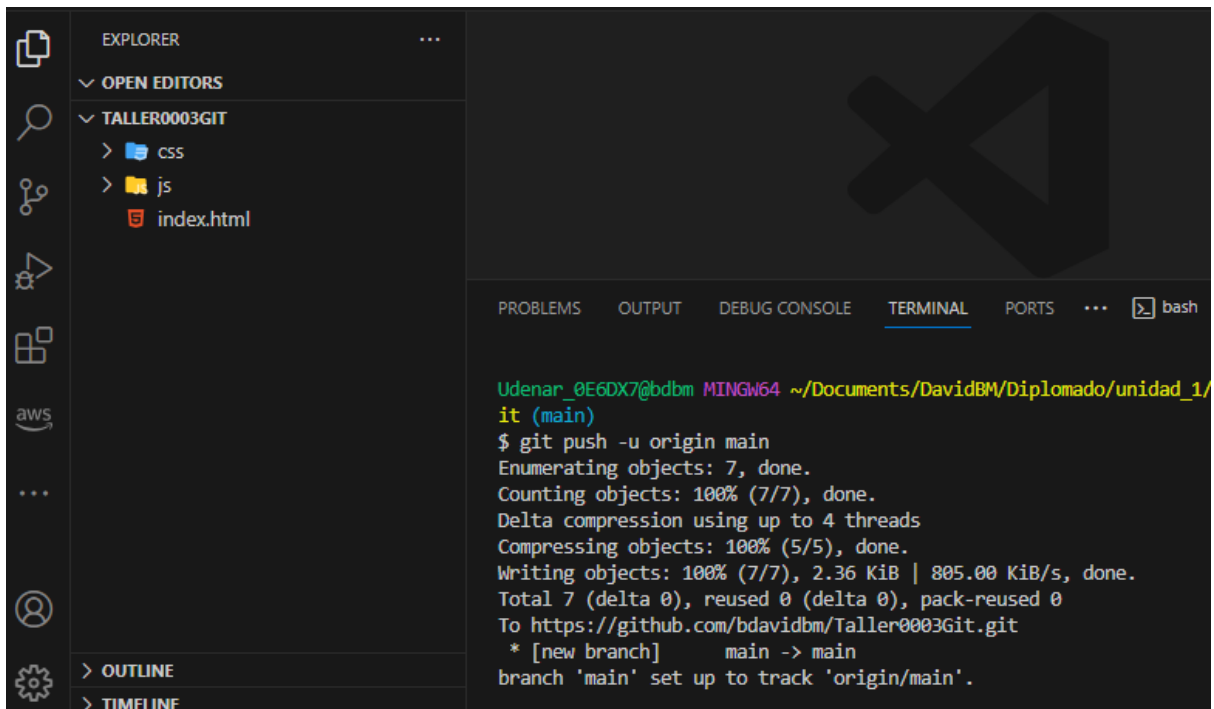
- b. agregamos al repositorio local la dirección del repositorio remoto con el comando "git remote add origin <https://github.com/bdavidbm/Taller0003Git.git>"

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  CODE REFERENCE LOG  TRANSFORMATION HUB

[main (root-commit) 2c9916d] primer commit
3 files changed, 222 insertions(+)
create mode 100644 css/style.css
create mode 100644 index.html
create mode 100644 js/script.js

Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git (main)
$ git remote add origin https://github.com/bdavidbm/Taller0003Git.git
```

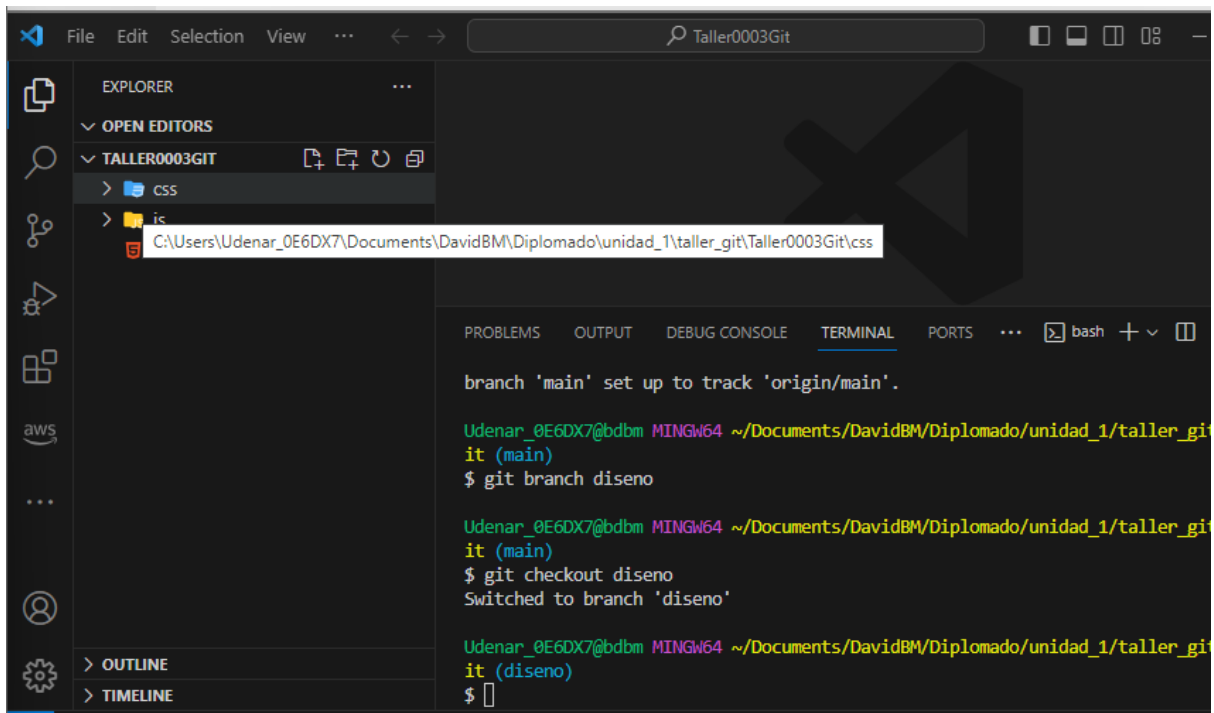
c. sincronizamos con los archivos locales con “git push -u origin main”



The screenshot shows the VS Code interface with the Explorer panel on the left displaying the file structure of 'TALLER0003GIT' (css, js, index.html). The Terminal panel at the bottom shows the execution of the 'git push -u origin main' command. The output indicates a successful push to the 'main' branch on GitHub.

```
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/
it (main)
$ git push -u origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (7/7), 2.36 KiB | 805.00 KiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/bdavidbm/Taller0003Git.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

- Creamos la rama disenio y modificamos diseño visual
  - a. creamos la rama disenio con el comando “git branch disenio ”y nos movemos a esta rama con el comando “git checkout disenio ”



The screenshot shows the VS Code interface with the Explorer panel on the left. The Terminal panel at the bottom shows the execution of 'git branch disenio' and 'git checkout disenio' commands. The output indicates that the new branch 'diseno' has been created and the user has switched to it.

```
branch 'main' set up to track 'origin/main'.

Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git
it (main)
$ git branch disenio

Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git
it (main)
$ git checkout disenio
Switched to branch 'diseno'

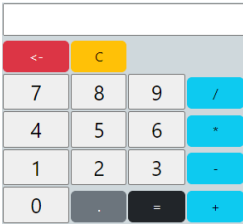
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git
it (diseno)
$
```

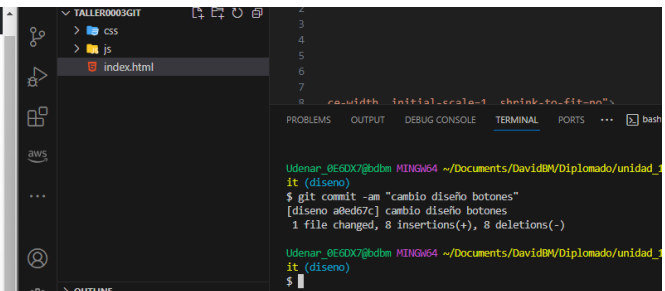
- b. agregamos un commit con la actualización de bootstrap con el comando “git commit -am ” que nos permite realizar un git add . y guardar el commit con un mensaje

The screenshot shows the VS Code interface with the Explorer sidebar on the left showing the project structure: TALLER0003GIT, CSS, JS, and index.html. The main editor displays the index.html file with HTML code for a calculator. The terminal at the bottom shows the following commands and output:

```
Udenar_0E6DX7@bdtm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_gi
it (diseno)
$ git commit -am "actualizacion bootstrap"
[diseño 870cb72] actualizacion bootstrap
1 file changed, 2 insertions(+), 2 deletions(-)
```

- c. realizamos un commit con la modificación del diseño de los botones



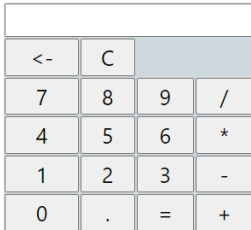


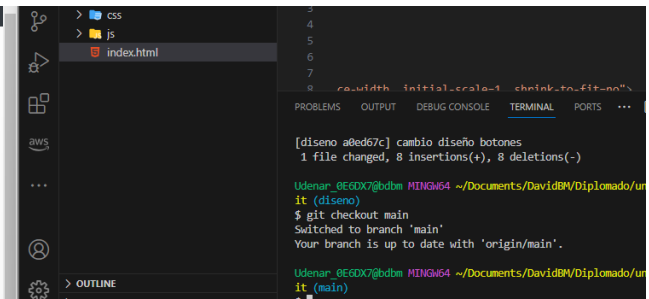
The screenshot shows the VS Code interface with the Explorer sidebar on the left showing the project structure: TALLER0003GIT, CSS, JS, and index.html. The main editor displays the index.html file with HTML code for a calculator. The terminal at the bottom shows the following commands and output:

```
Udenar_0E6DX7@bdtm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1
$ git commit -am "cambio diseño botones"
[diseño a0ed67c] cambio diseño botones
1 file changed, 8 insertions(+), 8 deletions(-)
```

- realizamos la union de la rama diseno con la rama main

- a. nos movemos a la rama main con el comando “git checkout main ”




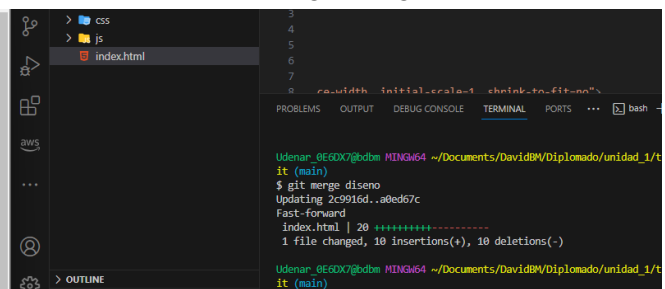


The screenshot shows the VS Code interface with the Explorer sidebar on the left showing the project structure: TALLER0003GIT, CSS, JS, and index.html. The main editor displays the index.html file with HTML code for a calculator. The terminal at the bottom shows the following commands and output:

```
Udenar_0E6DX7@bdtm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

- b. realizamos la union de las ramas con el comando “git merge ”

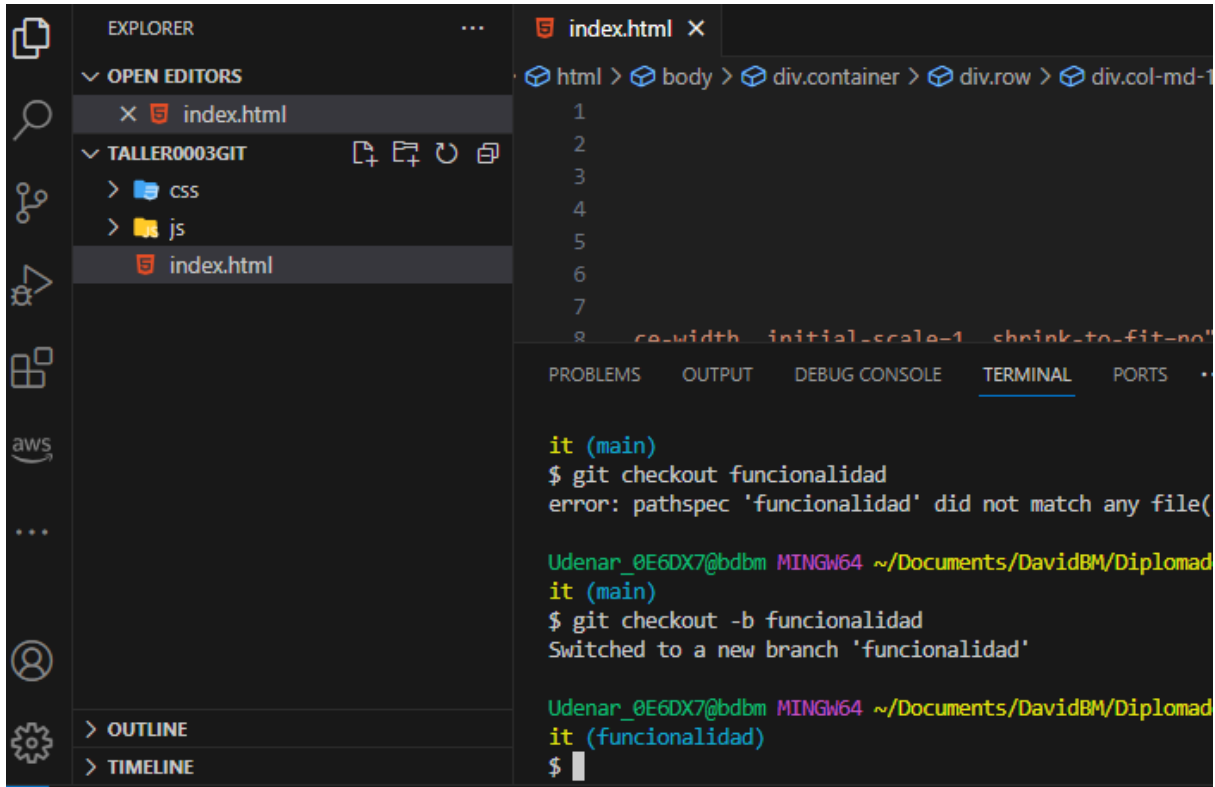




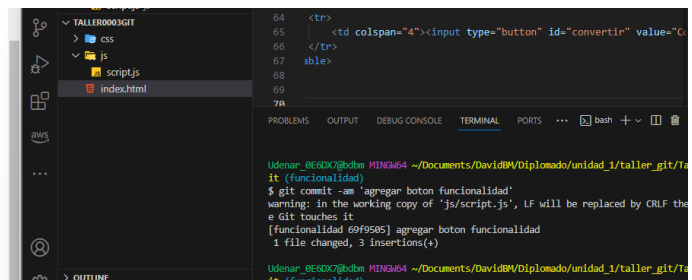
The screenshot shows the VS Code interface with the Explorer sidebar on the left showing the project structure: TALLER0003GIT, CSS, JS, and index.html. The main editor displays the index.html file with HTML code for a calculator. The terminal at the bottom shows the following commands and output:

```
Udenar_0E6DX7@bdtm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/t
it (main)
$ git merge diseno
Updating 2c9916d..a0ed67c
Fast-forward
index.html | 20 ++++++
1 file changed, 10 insertions(+), 10 deletions(-)
```

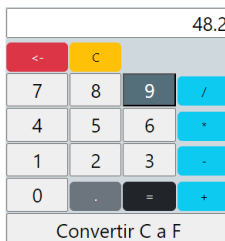
- creamos la rama funcionalidad y agregamos un botón que permita convertir grados Centígrados a Fahrenheit
  - a. creamos la rama funcionalidad y nos pasamos a esta rama con el comando “git checkout -b” que crea la rama y nos pasa a esta



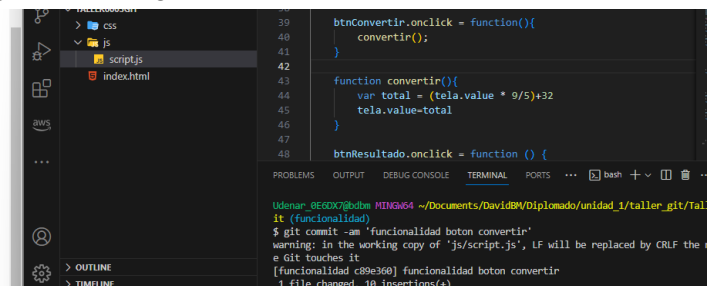
- b. creamos el nuevo boton y realizamos un commit



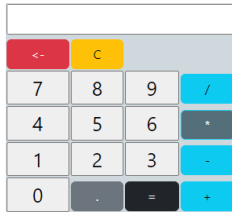
- c. desarrollamos la funcionalidad del boton y realizamos un commit, para el ejemplo convertimos 9 grados centígrados a farenheit



o Chaves.



- realizamos la union de la rama funcionalidad con la rama main
  - a. nos movemos a la rama main con el comando “git checkout main ”



```

40 }
41
42 function verificarResultado() {
43   try {
44     var aux = tela.value.substring(tela.value.length - 1,
45     if (verificarOperador(aux)) {
46       apagarAnterior();
47     }
48   }
49 }
50
51
52
53
54
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59
60
61
62
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64
65
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67
68
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70
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81
82
83
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85
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87
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98
99

```

```

$ 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)

```

- b. realizamos la union de las ramas con el comando “git merge ”



```

40 }
41
42 function convertir() {
43   var total = (tela.value * 9/5)+32
44   tela.value=total
45 }
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
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99

```

```

$ git merge funcionalidad
Updating a0ed67c..c89e360
Fast-forward
 index.html | 3 +++
 js/script.js | 10 ++++++++
 2 files changed, 13 insertions(+)

```

- agregamos el pdf con las evidencias y actualizamos el repositorio remoto