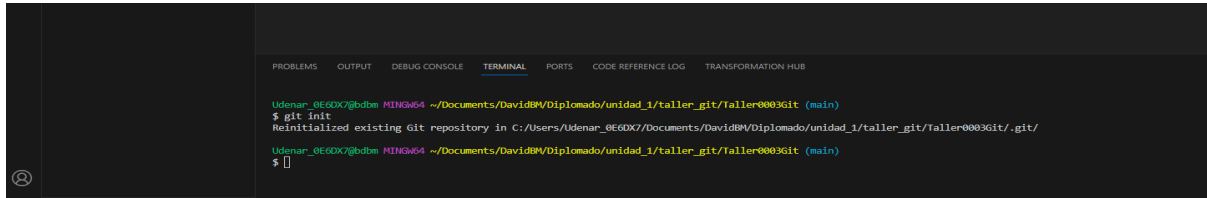


**Universidad de Nariño.
Ingeniería de Sistemas.
Diplomado de actualización en nuevas tecnologías para el
desarrollo de Software.**

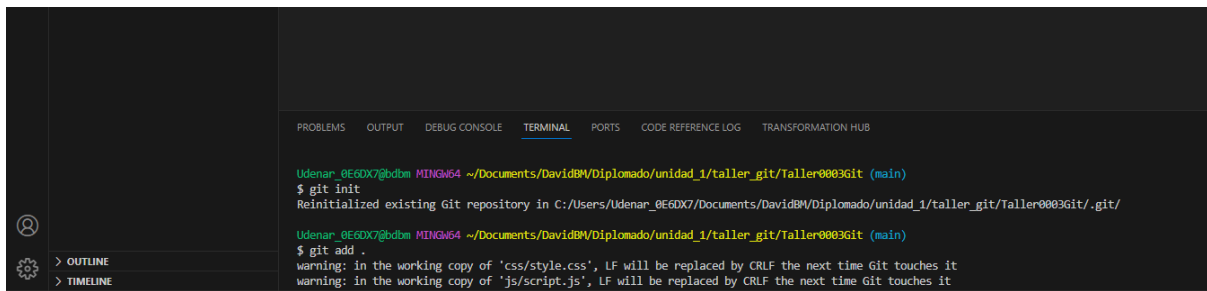
Bolivar David Bastidas Madroñero

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



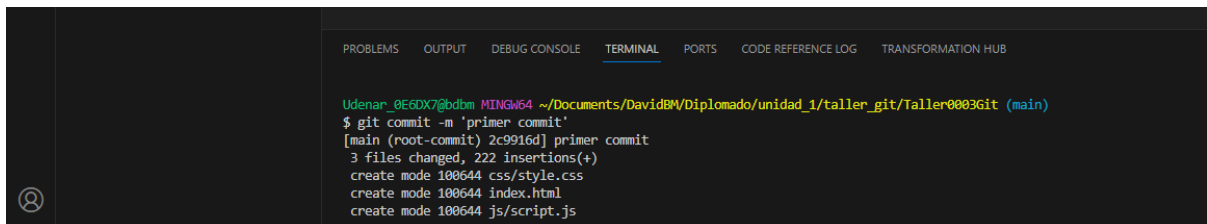
```
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git (main)
$ git init
Reinitialized existing Git repository in C:/Users/Udenar_0E6DX7/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git/.git/
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003Git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

- b. agregamos los archivos al 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.

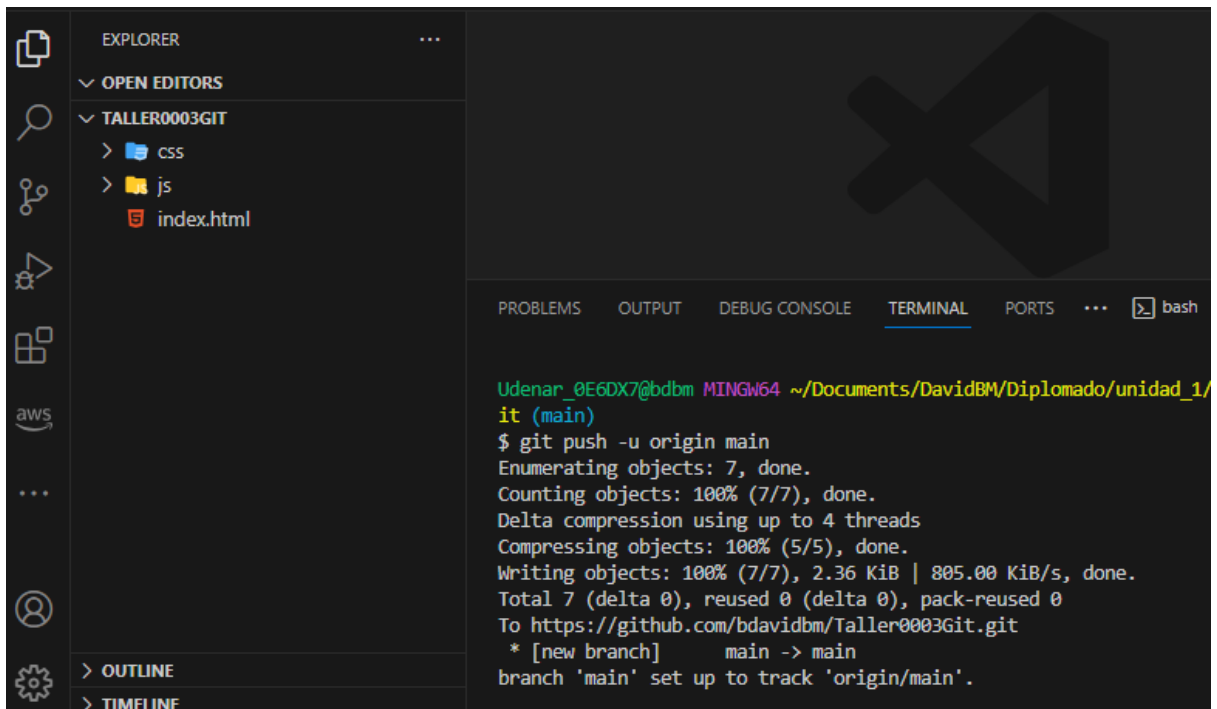
- b. agregamos al repositorio local la dirección del repositorio remoto con el comando "git remote add origin <https://github.com/bdavidbm/Taller0003Git.git>"

```
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
```

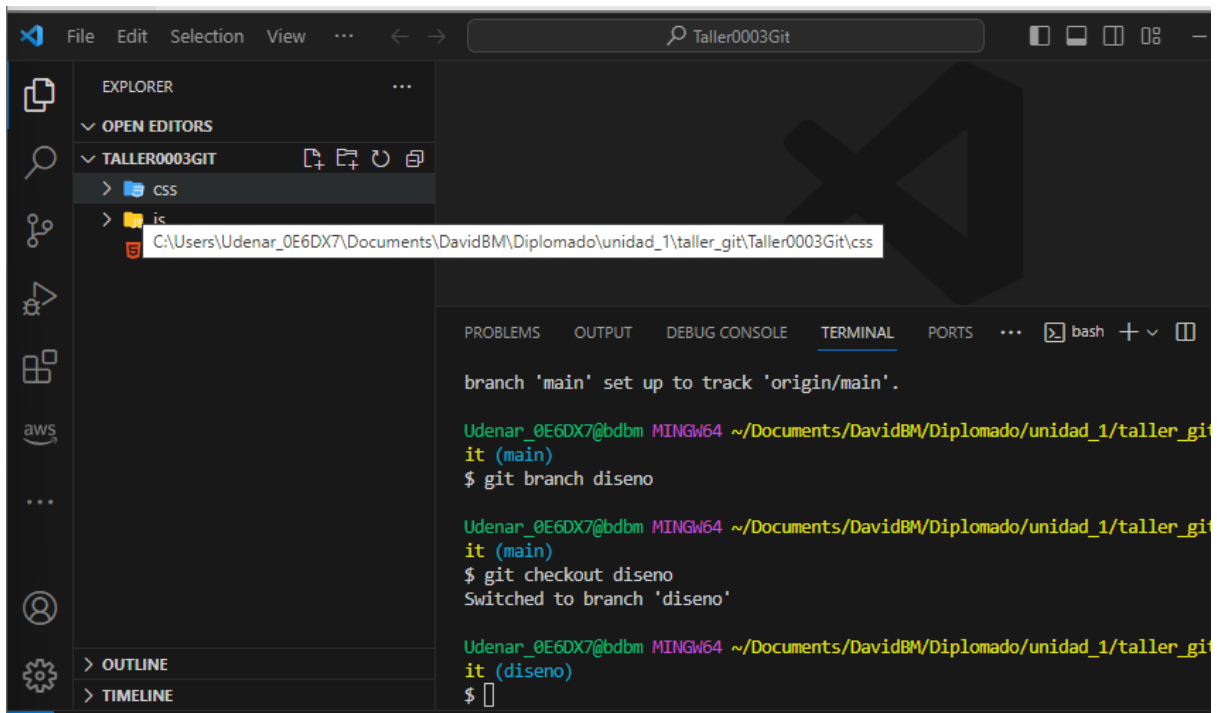
c. sincronizamos con los archivos locales con “git push -u origin main”



The screenshot shows the Visual Studio Code interface. On the left, the Explorer panel shows a project named 'TALLER0003GIT' with files 'css', 'js', and 'index.html'. The main editor area is dark and contains a large, faint watermark of a stylized 'X' or 'A'. At the bottom, the TERMINAL panel is active, displaying the output of a 'git push' command. The terminal text is as follows:

```
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 Visual Studio Code interface. The Explorer panel on the left shows the 'TALLER0003GIT' project with 'css' and 'js' files. A tooltip is visible over the 'css' file, showing the path: 'C:\Users\Udenar_0E6DX7\Documents\DavidBM\Diplomado\unidad_1\taller_git\Taller0003Git\css'. The main editor area is dark with a large, faint watermark. The TERMINAL panel at the bottom shows the output of 'git branch' and 'git checkout' commands. The terminal text is as follows:

```
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'

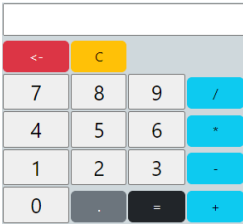
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git
it (diseno)
$
```

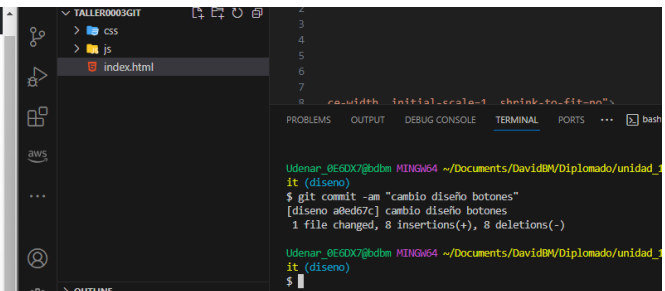
- b. agregamos un commit con la actualización de bootstrap con el comando “git commit -am ” que nos permite realizar un git add . y guardar el commit con un mensaje

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



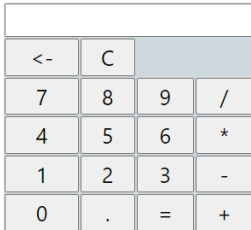


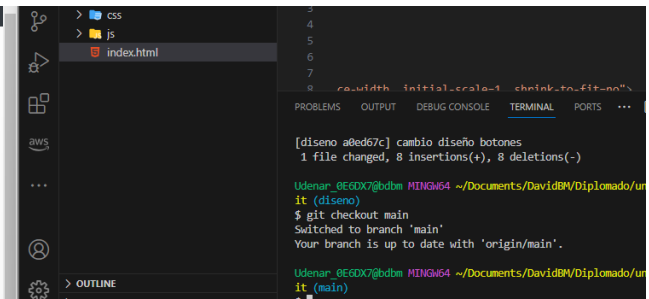
The calculator UI shows a grid of buttons: a red '<-' button, a yellow 'C' button, and a light blue grid of buttons for digits 0-9, '+', '-', '*', and '/'. The terminal shows the following commands and output:

```
Udenar_0E6DX7@bdtm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1
it (diseno)
$ 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 ”






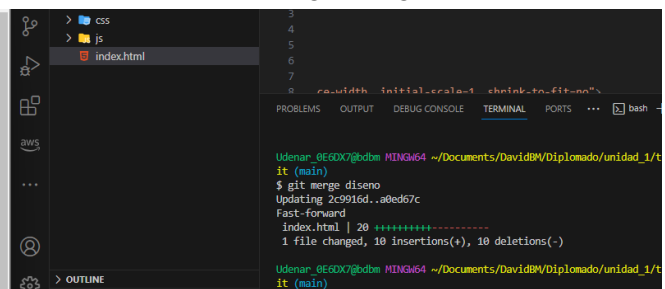
The calculator UI shows the same grid of buttons as before. The terminal shows the following commands and output:

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

Udenar_0E6DX7@bdtm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1
it (main)
```

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

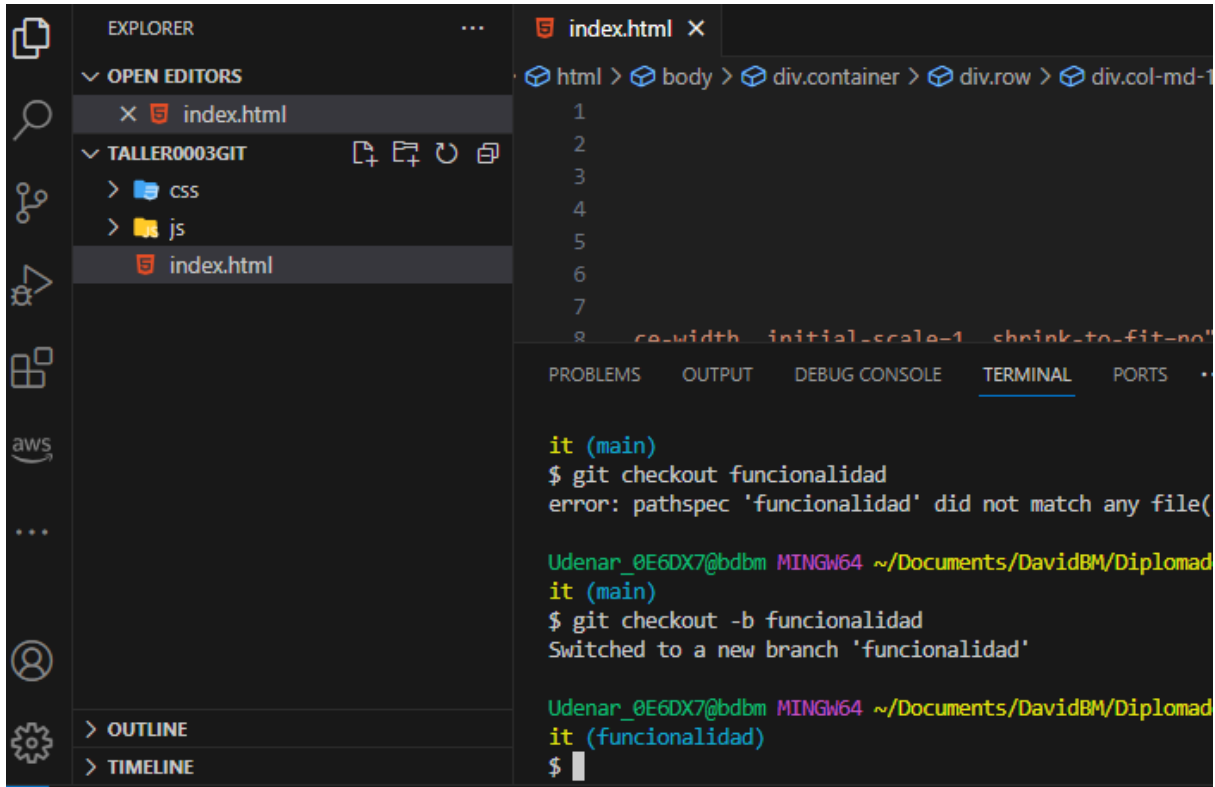




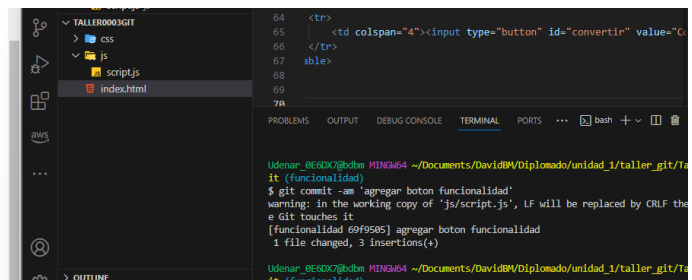
The calculator UI shows the same grid of buttons. The terminal shows the following commands and output:

```
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(-)
```

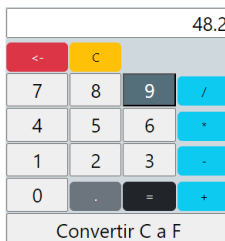
- creamos la rama funcionalidad y agregamos un botón que permita convertir grados Centígrados a Fahrenheit
 - a. creamos la rama funcionalidad y nos pasamos a esta rama con el comando “git checkout -b” que crea la rama y nos pasa a esta



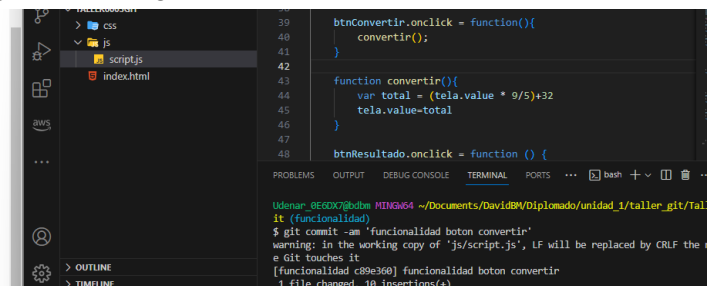
- b. creamos el nuevo boton y realizamos un commit



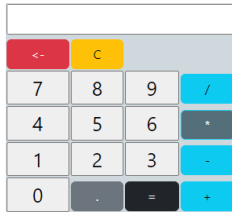
- c. desarrollamos la funcionalidad del boton y realizamos un commit, para el ejemplo convertimos 9 grados centígrados a fahrenheit



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 function verificarOperador(aux) {
52   if (aux === '+' || aux === '-' || aux === '*' || aux === '/') {
53     return true;
54   }
55   return false;
56 }
57
58 function apagarAnterior() {
59   tela.value = tela.value.slice(0, -1);
60 }
61
62 function calcular() {
63   if (tela.value !== '') {
64     verificarResultado();
65   }
66 }
67
68 document.addEventListener("DOMContentLoaded", () => {
69   calcular();
70 });
  
```

```

$ 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   convertir();
41 }
42
43 function convertir(){
44   var total = (tela.value * 9/5)+32
45   tela.value=total
46 }
  
```

```

$ 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
 - a. agregamos el informe al staging area con el comando “git add .”

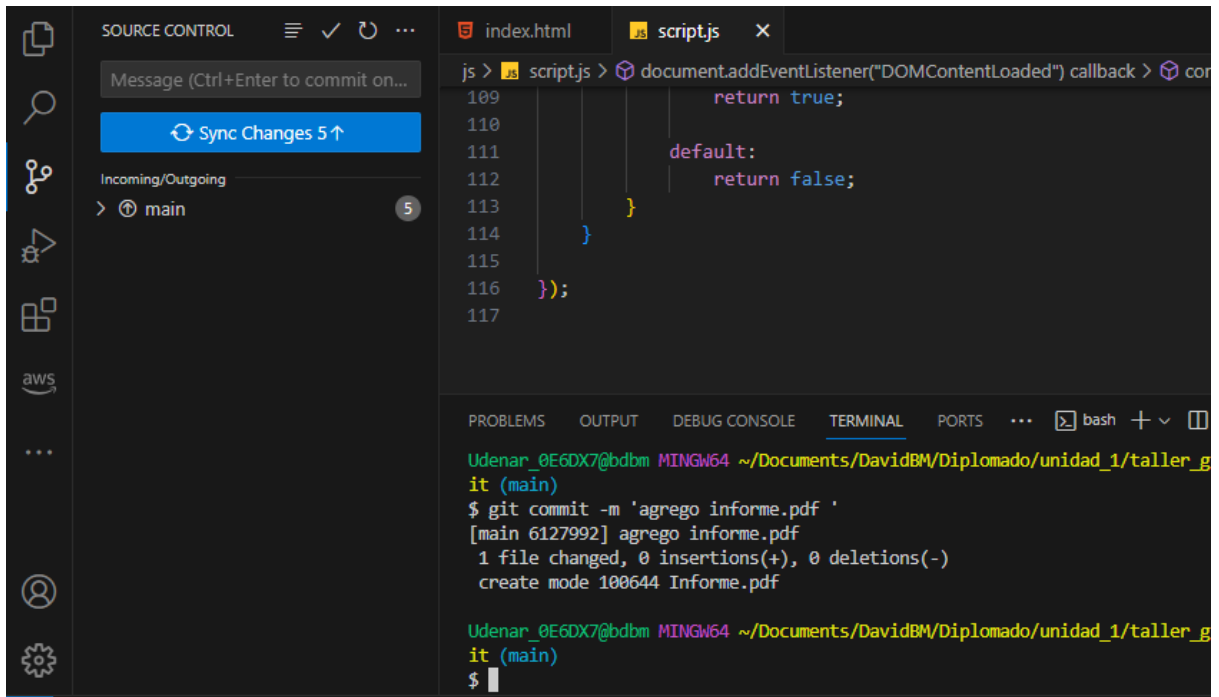
```

109   return true;
110
111   default:
112     return false;
113   }
114 }
115
116 });
117
  
```

```

nothing added to commit but untracked files present (use "git add" to track)
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller_1:
$ git add .
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller_1:
$
  
```

b. creamos un commit con el nuevo documento



The screenshot shows the Visual Studio Code interface. On the left, the 'SOURCE CONTROL' panel is open, displaying a commit message input field with the text 'Message (Ctrl+Enter to commit on...)' and a 'Sync Changes 5 ↑' button. Below this, it shows 'Incoming/Outgoing' changes for the 'main' branch, with 5 changes listed. The main editor area shows a JavaScript file 'script.js' with the following code:

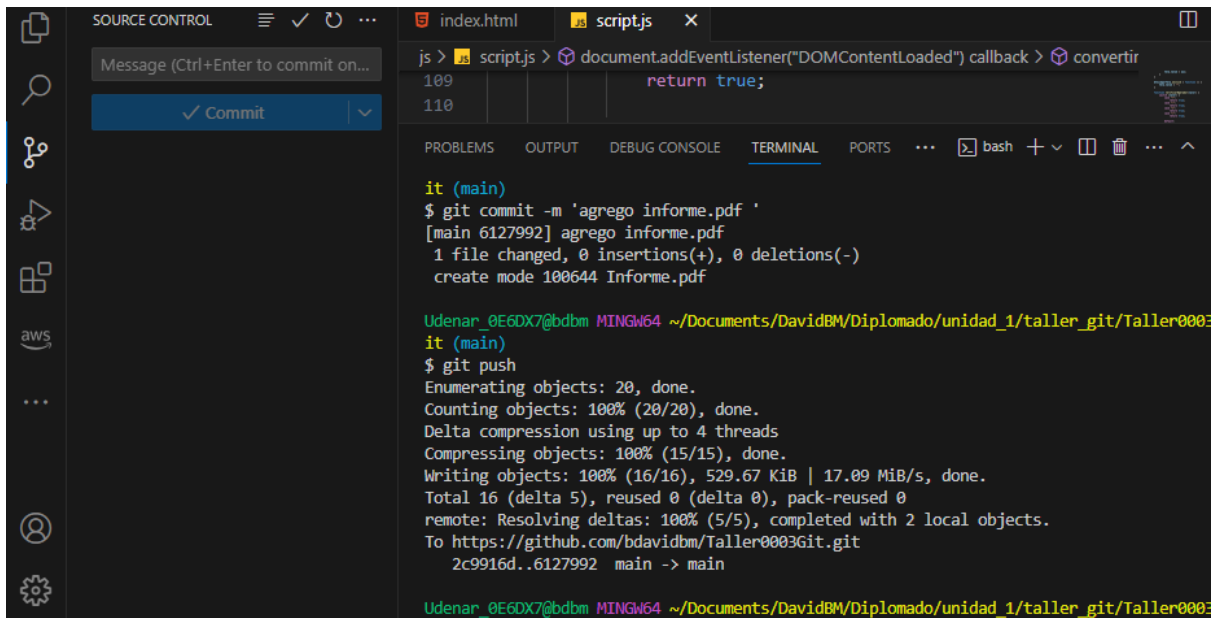
```
js > script.js > document.addEventListener("DOMContentLoaded") callback > cor
109         return true;
110
111         default:
112             return false;
113     }
114 }
115
116 });
117
```

At the bottom, the 'TERMINAL' panel shows the following commands and output:

```
Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_g
it (main)
$ git commit -m 'agrego informe.pdf '
[main 6127992] agrego informe.pdf
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Informe.pdf

Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_g
it (main)
$
```

c. se sincroniza repositorio remoto con el comando "git push"



The screenshot shows the Visual Studio Code interface. In the 'SOURCE CONTROL' panel, the 'Commit' button is visible. The main editor area shows the same JavaScript code as in the previous screenshot. The 'TERMINAL' panel shows the following commands and output:

```
it (main)
$ git commit -m 'agrego informe.pdf '
[main 6127992] agrego informe.pdf
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Informe.pdf

Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003
it (main)
$ git push
Enumerating objects: 20, done.
Counting objects: 100% (20/20), done.
Delta compression using up to 4 threads
Compressing objects: 100% (15/15), done.
Writing objects: 100% (16/16), 529.67 KiB | 17.09 MiB/s, done.
Total 16 (delta 5), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (5/5), completed with 2 local objects.
To https://github.com/bdavidbm/Taller0003Git.git
2c9916d..6127992 main -> main

Udenar_0E6DX7@bdbm MINGW64 ~/Documents/DavidBM/Diplomado/unidad_1/taller_git/Taller0003
```


d. observamos los cambios en el repositorio remoto

main

1 Branch

0 Tags

Go to file

Add file

Code

bdavidbm

agrego informe.pdf

6127992 · 2 minutes ago

6 Commits

css	primer commit	1 hour ago
js	funcionalidad boton convertir	15 minutes ago
Informe.pdf	agrego informe.pdf	2 minutes ago
index.html	agregar boton funcionalidad	18 minutes ago

README

Add a README

Help people interested in this repository understand your project by adding a README.

Add a README

About

No description, website, or topics provided

Activity

0 stars

1 watching

0 forks

Releases

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)

Languages

JavaScript 48.8%

HTML 44.3%

CSS 6.9%

Suggested workflows

Based on your tech stack