

TALLER UNIDAD 1 GIT

PRESENTADO POR
JHON JAIRO CORAL ERASO

PRESENTADO A
ING. VICENTE AUX

UNIVERSIDAD DE NARIÑO
INGENIERÍA DE SISTEMAS
DIPLOMADO DE ACTUALIZACIÓN EN NUEVAS TECNOLOGÍAS PARA EL DESARROLLO DE SOFTWARE

2023

TALLER UNIDAD 1 GIT

1. Crear un repositorio local en su sistema de archivos con el proyecto de ejemplo Taller0003Git proporcionado en clase, el cual contiene el código de una “Calculadora” desarrollada en JavaScript, una vez creado el repositorio crear un Commit inicial.

- calculadora “Taller0003Git”

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7	8	9	/
4	5	6	*
1	2	3	-
0	.	=	+

- Commit inicial

```
MINGW64:/d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git
$ git init
Initialized empty Git repository in D:/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git/.git/

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Taller0003Git/

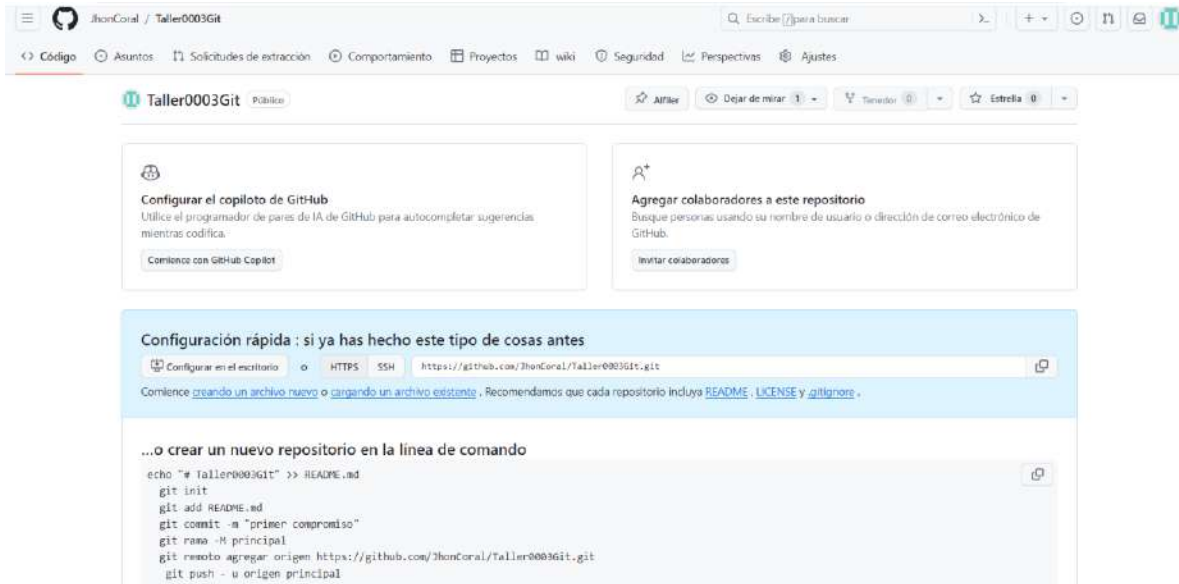
nothing added to commit but untracked files present (use "git add" to track)

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git add .
warning: in the working copy of 'Taller0003Git/LICENSE', LF will be replaced by CRLF the next time Git
touches it
warning: in the working copy of 'Taller0003Git/README.md', LF will be replaced by CRLF the next time Gi
t touches it
warning: in the working copy of 'Taller0003Git/css/style.css', LF will be replaced by CRLF the next tim
e Git touches it
warning: in the working copy of 'Taller0003Git/index.html', LF will be replaced by CRLF the next time G
it touches it
warning: in the working copy of 'Taller0003Git/js/script.js', LF will be replaced by CRLF the next time
Git touches it

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git commit -m "Primer Commit Inicial"
[main (root-commit) eeab671] Primer Commit Inicial
5 files changed, 255 insertions(+)
 create mode 100644 Taller0003Git/LICENSE
 create mode 100644 Taller0003Git/README.md
 create mode 100644 Taller0003Git/css/style.css
 create mode 100644 Taller0003Git/index.html
 create mode 100644 Taller0003Git/js/script.js
```

2. Crear un repositorio remoto en GitHub con el mismo nombre del repositorio local es decir "Taller0003Git", enviar el avance del repositorio local al remoto.

- Repositorio remoto en GitHub



- Avance repositorio local a remoto

```
NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch -M main

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git remote add origin https://github.com/JhonCoral/Taller0003Git.git

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git push -u origin main
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (10/10), 3.49 KiB | 1.74 MiB/s, done.
Total 10 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/JhonCoral/Taller0003Git.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

Link de repositorio remoto: <https://github.com/JhonCoral/Taller0003Git.git>

3. En el repositorio local crear una rama llamada “diseno”, en ella actualizar las referencia a Bootstrap en su versión más actual y modificar el diseño visual del proyecto de tal forma que tenga una interfaz gráfica más agradable, realizar los commit que sean necesarios.

- Rama llamada diseno

```
NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch
* main

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch diseno

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch
  diseno
* main

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git checkout diseno
Switched to branch 'diseno'

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (diseno)
$ git branch
* diseno
  main
```

- Nueva interfaz



- Commit

```

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (diseno)
$ git status
On branch disen0
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:   Taller0003Git/index.html

no changes added to commit (use "git add" and/or "git commit -a")

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (diseno)
$ git add .
warning: in the working copy of 'Taller0003Git/index.html', LF will be replaced by CRLF the next time G
it touches it

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (diseno)
$ git status
On branch disen0
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   Taller0003Git/index.html

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (diseno)
$ git commit -m "Commit Dise0o Listo"
[diseno e767a42] Commit Dise0o Listo
1 file changed, 20 insertions(+), 21 deletions(-)

```

4. Una vez terminado el dise0o realizar un merge (fusi0n) de los cambios realizados en la rama "diseno" a la rama "main".

- Diferencia entre rama main y rama disen0

```

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git diff main disen0
diff --git a/Taller0003Git/index.html b/Taller0003Git/index.html
index 681920e..8d88261 100644
--- a/Taller0003Git/index.html
+++ b/Taller0003Git/index.html
@@ -34,32 +34,33 @@
</td>
</tr>
<tr>
-   <td><input type="button" id="apagarAnterior" va
+   <td><input type="button" id="apagarAnterior" va
-   <td><input type="button" id="limparTela" value=
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-   <td><input type="button" class="btn btn-primary
+   <td><input type="button" class="btn btn-primary
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+   <td><input type="button" class="btn btn-primary
-   <td><input type="button" id="num7" value="7" />
+   <td><input type="button" id="num7" value="7" />
-   <td><input type="button" id="num8" value="8" />
+   <td><input type="button" id="num8" value="8" />
-   <td><input type="button" id="num9" value="9" />
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-   <td><input type="button" id="divisao" value="/"
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-   <td><input type="button" class="btn btn-info" i
+   <td><input type="button" class="btn btn-info" i
-   <td><input type="button" class="btn btn-light"
+   <td><input type="button" class="btn btn-light"
-   <td><input type="button" id="num4" value="4" />
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-   <td><input type="button" class="btn btn-info" i
+   <td><input type="button" class="btn btn-info" i
-   <td><input type="button" class="btn btn-light"
+   <td><input type="button" class="btn btn-light"

```

- Merge Fusión de los cambios realizados en la rama “diseno” a la rama “main”.

```

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch
  diseno
* main

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git merge diseno
Updating eeab671..e767a42
Fast-forward
Taller0003Git/index.html | 41 ++++++-----
1 file changed, 20 insertions(+), 21 deletions(-)

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git log --oneline
e767a42 (HEAD -> main, diseno) Commit Diseño Listo
eeab671 (origin/main) Primer Commit Inicial

```

5. Crear una rama llamada “funcionalidad” en la cual agregaremos un botón al final de la GUI del proyecto que me permita convertir grados Centígrados a Fahrenheit, realizar en esta rama los commit que sean necesarios.

- Rama funcionalidad

```

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch funcionalidad

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch
  diseno
  funcionalidad
* main

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git checkout funcionalidad
Switched to branch 'funcionalidad'

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (funcionalidad)
$ git branch
  diseno
* funcionalidad
  main

```

- Botón convertir grados Centígrados a Fahrenheit.



- Commit

```
NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (funcionalidad)
$ git status
On branch funcionalidad
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:   Taller0003Git/index.html
    modified:   Taller0003Git/js/script.js

no changes added to commit (use "git add" and/or "git commit -a")

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (funcionalidad)
$ git add .
warning: in the working copy of 'Taller0003Git/js/script.js', LF will be replaced by CRLF the next time
  Git touches it

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (funcionalidad)
$ git status
On branch funcionalidad
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   Taller0003Git/index.html
    modified:   Taller0003Git/js/script.js

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (funcionalidad)
$ git commit -m "Agregar boton para convertir Grados Celsius a Farenheit"
[funcionalidad 11b8cc2] Agregar boton para convertir Grados Celsius a Farenheit
 2 files changed, 36 insertions(+), 1 deletion(-)
```

- Una vez terminada la funcionalidad realizar un merge (fusión) de los cambios realizados en la rama "funcionalidad" a la rama "main".

- Merge (fusión) de los cambios realizados en la rama "funcionalidad" a la rama "main".

```
NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (funcionalidad)
$ git branch
  disen0
* funcionalidad
  main

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (funcionalidad)
$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git branch
  disen0
  funcionalidad
* main

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git merge funcionalidad
Updating e767a42..11b8cc2
Fast-forward
  Taller0003Git/index.html | 8 ++++++
  Taller0003Git/js/script.js | 29 ++++++
  2 files changed, 36 insertions(+), 1 deletion(-)

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git log --oneline
11b8cc2 (HEAD -> main, funcionalidad) Agregar boton para convertir Grados Celsius a Farenheit
e767a42 (disen0) Commit Diseño Listo
eeab671 (origin/main) Primer Commit Inicial
```

- Actualizar el repositorio remoto y realizar un pequeño informe presentado de manera individual en el cual se evidencie por medio de capturas de pantalla el trabajo realizado, el informe debe ser almacenado como un archivo PDF dentro de la carpeta principal del proyecto con el nombre "informe.pdf"

- Repositorio Remoto

```
NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git remote add origin https://github.com/JhonCoral/Taller0003Git.git

NITRO@DESKTOP-7P9S7IM MINGW64 /d/DIPLOMADO/UNIDAD1/TallerGit/Taller0003Git (main)
$ git push -u origin main
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (10/10), 3.49 KiB | 1.74 MiB/s, done.
Total 10 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/JhonCoral/Taller0003Git.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```


- Link de repositorio remoto: <https://github.com/JhonCoral/Taller0003Git.git>

8. Además quiero anexar los links de los repositorios remotos de los demás talleres trabajados en la unidad 1

- Link repositorio remoto taller1: <https://github.com/JhonCoral/Taller01.git>
- Link repositorio remoto taller2: <https://github.com/JhonCoral/Taller02Git.git>
- Link repositorio remoto taller3: <https://github.com/JhonCoral/Taller0003Git.git>
- Link repositorio remoto taller4: <https://github.com/JhonCoral/Taller0004Git.git>