

# Ejercicios forty

## Indice

### Trabajo en local

1. Inicializa un nuevo repositorio Git en una carpeta llamada "forty" y agrega los archivos proporcionados en el aula virtual.

```
git config --global user.name "Victor"  
git config --global user.email "victorr172@educastur.es"  
git init  
git status  
git status
```

```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty
$ git config --global user.name "Victor"

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty
$ git config --global user.email "victorrl72@educastur.es"

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty
$ git init
Initialized empty Git repository in C:/Users/vitir/OneDrive/Documentos/forty/.git/

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (master)
$ gits status
bash: gits: command not found

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    LICENSE.txt
    README.txt
    assets/
    elements.html
    generic.html
    images/
    index.html
    landing.html

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

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (master)
$ |

```

## 2. Renombra la rama master a main

```

git branch -m master main
git branch

```

```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (master)
$ git branch -m master main

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git branch

```

## 3. Haz que los ficheros README.txt , LICENSE.txt y passwords.txt sean ignorados por el control de versiones.

```

echo "README.txt" >> .gitignore
echo "LICENSE.txt" >> .gitignore

```

```
echo "passwords.txt" >> .gitignore
cat .gitignore
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ echo "README.txt" >> .gitignore

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ echo "LICENSE.txt" >> .gitignore

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ echo "passwords.txt" >> .gitignore

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ cat .gitignore
README.txt
LICENSE.txt
passwords.txt
```

```
git rm --cached README.txt
git rm --cached LICENSE.txt
git commit -m "Ignorar Readme.txt y license.txt en git"
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git rm --cached README.txt
fatal: pathspec 'README.txt' did not match any files

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git rm --cached LICENSE.txt
fatal: pathspec 'LICENSE.txt' did not match any files

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git commit -m "Ignorar Readme.txt y license.txt en git"
On branch main

Initial commit

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
    assets/
    elements.html
    generic.html
    images/
    index.html
    landing.html

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

4. Crea el archivo passwords.txt . Comprueba que el control de versiones lo ignora

```
echo "laboral1" > passwords.txt
git status
git ls-files --others -i --exclude-standard
cat .gitignore
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ echo "laboral1" > passwords.txt

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status
On branch main
nothing to commit, working tree clean

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git ls-files --others -i --exclude-standard
LICENSE.txt
README.txt
passwords.txt

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ cat .gitignore
README.txt
LICENSE.txt
passwords.txt
```

5. Crea una rama llamada "feature-content" . Muévete a esa rama. Cambia, en la línea 3477, el font-size por 1.5em en el archivo main.css . Confirma cambios y haz commit. Muestra los logs de la forma más gráfica posible.

```
code .
code assets/css/main.css
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ code .

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ code assets/css/main.css

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ |
```

```

3462     -ms-align-items: center;
3463     align-items: center;
3464     margin: 0 0 2em 0;
3465 }
3466
3467     #banner > .inner .content > * {
3468         margin-right: 1.5em;
3469         margin-bottom: 0;
3470     }
3471
3472     #banner > .inner .content > :last-child {
3473         margin-right: 0;
3474     }
3475
3476     ✨ #banner > .inner .content p {
3477         font-size: 1.5em;
3478         font-weight: 600;
3479         letter-spacing: 0.25em;
3480         text-transform: uppercase;
3481     }
3482
3483     #banner.major {
3484         height: 75vh;
3485         min-height: 30em;
3486         max-height: 50em;
3487     }
3488
3489     #banner.major.alt {
3490         opacity: 0.75;
3491     }

```

git status

git add assets/css/main.css

git commit -m "Cambiar font-size a 1.5em en main.css"

```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git status
On branch feature-content
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:   assets/css/main.css

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

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git add assets/css/main.css

warning: in the working copy of 'assets/css/main.css', LF will be replaced by CRLF the next time Git touches it

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git commit -m "Cambiar font-size a 1.5em en main.css"
[feature-content cc799f7] Cambiar font-size a 1.5em en main.css
1 file changed, 1 insertion(+), 1 deletion(-)

```

6. Elimina el archivo "passwords.txt" en la carpeta forty . Verifica el estado del repositorio. ¿Hay cambios pendientes?

```

rm passwords.txt
git status
git ls-files --others -i --exclude-standard

```

```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ rm passwords.txt

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git status
On branch feature-content
nothing to commit, working tree clean

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git ls-files --others -i --exclude-standard
LICENSE.txt
README.txt

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)

```

7. Crea un nuevo archivo llamado " about.html ", partiendo del archivo generic.html y agrégalo al repositorio, haz un nuevo commit.

```

cp generic.html about.html
code about.html
git add about.html
git commit -m "Añadir nueva página about.html basada en generic.html"
git log --oneline --decorate --graph --all

```

```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ cp generic.html about.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ code about.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git add about.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git commit -m "Añadir nueva página about.html basada en generic.html"
[feature-content ea42d65] Añadir nueva página about.html basada en generic.html
1 file changed, 141 insertions(+)
create mode 100644 about.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git log --oneline --decorate --graph --all
* ea42d65 (HEAD -> feature-content) Añadir nueva página about.html basada en generic.html
* cc799f7 Cambiar font-size a 1.5em en main.css
* 148812e (main) Import inicial del proyecto

```

8. Cambia a la rama main . Examina los logs del repositorio de forma gráfica.

```

git checkout main
git log --graph --oneline --decorate --all

```

```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-content)
$ git checkout main
Switched to branch 'main'

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git log --graph --oneline --decorate --all
* ea42d65 (feature-content) Añadir nueva página about.html basada en generic.html
* cc799f7 Cambiar font-size a 1.5em en main.css
* 148812e (HEAD -> main) Import inicial del proyecto

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$

```

9. Modifica algo en el archivo generic.html , comprueba que hay cambios, y realiza otro commit . Examina los logs del repositorio de forma gráfica.

```
# main.css 4    <> about.html    <> generic.html M X
<> generic.html > html > head > title
1  <!DOCTYPE HTML>
2  <!--
3      Forty by HTML5 UP
4      html5up.net | @ajlkn
5      Free for personal and commercial use under the C
6  -->
7  <html>
8      <head>
9          <title>Generic Actualizado</title>
10         <meta charset="utf-8" />
11         <meta name="viewport" content="width=device-
12         <link rel="stylesheet" href="assets/css/main
13         <noscript><link rel="stylesheet" href="asset
14     </head>
15     <body class="is-preload">
```

code generic.html

git status

git add generic.html

git commit -m "Modificar generic.html en main"

git log --graph --oneline --decorate --all



```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ code generic.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status
On branch main
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:   generic.html

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

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git add generic.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git commit -m "Modificar generic.html en main"
[main 8e10935] Modificar generic.html en main
1 file changed, 1 insertion(+), 1 deletion(-)

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git log --graph --oneline --decorate --all
* 8e10935 (HEAD -> main) Modificar generic.html en main
| * ea42d65 (feature-content) Añadir nueva página about.html basada en generic.html
| * cc799f7 Cambiar font-size a 1.5em en main.css
|/
* 148812e Import inicial del proyecto

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$

```

10. Modifica algo en el fichero elements.html . Confirma los cambios, pero no hagas commit.

code elements.html

```

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ code elements.html

```

```
... <> about.html <> generic.html <> elements.html
elements.html > html > body.is-preload
1 <!DOCTYPE HTML>
2 <!--
3     Forty by HTML5 UP
4     html5up.net | @ajlkn
5     Free for personal and commercial use under the
6 -->
7 <html>
8     <head>
9         <title>Elements - Forty by HTML5 UP</title>
10        <meta charset="utf-8" />
11        <meta name="viewport" content="width=device
12        <link rel="stylesheet" href="assets/css/main
13        <noscript><link rel="stylesheet" href="asse
14    </head>
15    <body class="is-preload">
16        <!--Modificacion-->
17        <!-- Wrapper -->
18            <div id="wrapper">
19
20        <!-- Header -->
```

```
git status
git add elements.html
git status
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status
On branch main
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:   elements.html

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

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git add elements.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   elements.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$
```

11. Mira las diferencias de elements.html . Los cambios no nos gustan, deshaz los cambios de elements.html . Comprueba que no hay cambios pendientes.

```
git diff elements.html
git diff --staged elements.html
git restore --staged elements.html
git restore elements.html
git status
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git diff elements.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git diff --staged elements.html
diff --git a/elements.html b/elements.html
index 20b0e8b..d6f3ba7 100644
--- a/elements.html
+++ b/elements.html
@@ -13,7 +13,7 @@
     <noscript><link rel="stylesheet" href="assets/css/noscript.css" /></noscript>
   </head>
   <body class="is-preload">
-
+     <!--Modificacion-->
+     <!-- Wrapper -->
+     <div id="wrapper">

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git restore --staged elements.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git restore elements.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status
On branch main
nothing to commit, working tree clean

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$
```

12. Muestra las diferencias entre dos ramas.

```
git diff main..feature-content --stat
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git diff main..feature-content --stat
about.html | 141 +++++++++++++++++++++++++++++++++++++++++++++++++++++
assets/css/main.css | 2 +-
generic.html | 2 +-
3 files changed, 143 insertions(+), 2 deletions(-)

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
```

13. Fusiona la rama "feature-content" con la rama principal (main). Muestra los logs del repositorio de una forma gráfica y completa.

```
git merge --no-ff feature-content -m "Merge feature-content into main"
git log --oneline --graph --decorate --all
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git merge --no-ff feature-content -m "Merge feature-content into main"
Merge made by the 'ort' strategy.
 about.html | 141 +++++
assets/css/main.css | 2 +-
2 files changed, 142 insertions(+), 1 deletion(-)
create mode 100644 about.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git log --graph --oneline --decorate --all
* 3025c98 (HEAD -> main) Merge feature-content into main
|
| * ea42d65 (feature-content) Añadir nueva página about.html basada en generic.html
| * cc799f7 Cambiar font-size a 1.5em en main.css
| * 8e10935 Modificar generic.html en main
|/
* 148812e Import inicial del proyecto

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
```

14. Crea una nueva rama llamada " hotfix " y en ella, corrige un error crítico en el archivo" index.html ". (Por ejemplo, añade el enlace a la nueva página about.html)

```
git checkout -b hotfix
code index.html
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git checkout -b hotfix
Switched to a new branch 'hotfix'

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (hotfix)
$ code index.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (hotfix)
$
```

```
index.html > html > body.is-preload > div#wrapper > nav#menu > ul.links > li
7 <html>
8 <head>
11 <meta name="viewport" content="width=device-width, initial-scale=1.
12 <link rel="stylesheet" href="assets/css/main.css" />
13 <noscript><link rel="stylesheet" href="assets/css/noscript.css" />
14 </head>
15 <body class="is-preload">
16
17 <!-- Wrapper -->
18 <div id="wrapper">
19
20 <!-- Header -->
21 <header id="header" class="alt">
22 <a href="index.html" class="logo"><strong>Forty</strong></a>
23 <nav>
24 <a href="#menu">Menu</a>
25 </nav>
26 </header>
27
28 <!-- Menu -->
29 <nav id="menu">
30 <ul class="links">
31 <li><a href="index.html">Home</a></li>
32 <li><a href="landing.html">Landing</a></li>
33 <li><a href="generic.html">Generic</a></li>
34 <li><a href="elements.html">Elements</a></li>
35 <li><a href="about.html">About</a></li>
36 </ul>
37 <ul class="actions stacked">
38 <li><a href="#" class="button primary fit">Get
39 <li><a href="#" class="button fit">Log In</a></li>
40 </ul>
41 </nav>
42
43 <!-- Banner -->
```

code index.html

git add index.html

git commit -m "Hotfix: añadir enlace a about.html en el menú de index.html"

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (hotfix)
$ code index.html
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (hotfix)
$ git add index.html
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (hotfix)
$ git commit -m "Hotfix: añadir enlace a about.html en el menú de index.html"
[hotfix e2be50c] Hotfix: añadir enlace a about.html en el menú de index.html
1 file changed, 1 insertion(+)
```

15. Fusiona la rama "hotfix" con la rama principal y verifica el historial de commits de forma que se vean todas las ramas gráficamente. ¿Borrarías la rama hotfix ?

Borrarla es opcional

¿En qué caso?

Solo si ya esta fusionada

¿Cómo?

```
git checkout main
git merge --no-ff hotfix -m "Merge hotfix into main"
git log --graph --oneline --decorate --all
git branch -d hotfix
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (hotfix)
$ git checkout main
Switched to branch 'main'

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git merge --no-ff hotfix -m "Merge hotfix into main"
Merge made by the 'ort' strategy.
 index.html | 1 +
 1 file changed, 1 insertion(+)

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git log --graph --oneline --decorate --all
* 16238d0 (HEAD -> main) Merge hotfix into main
|
| * e2be50c (hotfix) Hotfix: añadir enlace a about.html en el menú de index.html
|/
|
| * 3025c98 Merge feature-content into main
|/
|
| * ea42d65 (feature-content) Añadir nueva página about.html basada en generic.html
| * cc799f7 Cambiar font-size a 1.5em en main.css
| * 8e10935 Modificar generic.html en main
|/
* 148812e Import inicial del proyecto

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git branch -d hotfix
Deleted branch hotfix (was e2be50c).
```

16. Muestra el historial de cambios limitado a los últimos 3 commits.

```
git log --oneline -n 3
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git log --oneline -n 3
16238d0 (HEAD -> main) Merge hotfix into main
e2be50c Hotfix: añadir enlace a about.html en el menú de index.html
3025c98 Merge feature-content into main
```

17. Etiqueta el commit actual como "v1.0" y muestra las etiquetas existentes.

```
git tag -a v1.0 -m "Versión 1.0"
git tag
git show v1.0
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git tag -a v1.0 -m "Versión 1.0"

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git tag
v1.0

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git show v1.0
tag v1.0
Tagger: Victor <victorr172@educastur.es>
Date: Tue Nov 4 21:38:57 2025 +0100

Versión 1.0

commit 16238d032cf0e79145210018ff74996b095bd055 (HEAD -> main, tag: v1.0)
Merge: 3025c98 e2be50c
Author: Victor <victorr172@educastur.es>
Date: Tue Nov 4 21:36:19 2025 +0100

    Merge hotfix into main

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$
```

## Trabajo en remoto

1. Sube al remoto los ficheros de tu repositorio local

```
git remote add origin https://github.com/victorr172/Forty.git
git remote -v
git push -u origin main
git config --global credential.helper manager-core
git push -u origin main
```

```

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git remote add origin https://github.com/victorrl72/Forty.git

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git remote -v
origin https://github.com/victorrl72/Forty.git (fetch)
origin https://github.com/victorrl72/Forty.git (push)

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git push -u origin main
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/victorrl72/Forty.git/'

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git config --global credential.helper manager-core

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git push -u origin main

git: 'credential-manager-core' is not a git command. See 'git --help'.
Enumerating objects: 104, done.
Counting objects: 100% (104/104), done.
Delta compression using up to 8 threads
Compressing objects: 100% (103/103), done.
Writing objects: 100% (104/104), 2.12 MiB | 972.00 KiB/s, done.
Total 104 (delta 12), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (12/12), done.
To https://github.com/victorrl72/Forty.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

```

2. En local, crea una rama 'feature-head'. Cambia el título en la sección head de index.html , borra los comentarios del head , o previos, también. Confirma y sube los cambios al remoto.

```

git status
git checkout -b feature-head
code index.html

```

```

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git checkout -b feature-head
Switched to a new branch 'feature-head'

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-head)
$ code index.html
To read from stdin, append '-' (e.g. 'echo Hello World | code -')

```



```

-->
<html>
  <head>
    <title>Forty – Proyecto Forty (feature-head)</title>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1
    <link rel="stylesheet" href="assets/css/main.css" />
    <noscript><link rel="stylesheet" href="assets/css/noscript.css" />
  </head>
  <body class="is-preload">

```

```

git add index.html
git commit -m "Feature: actualizar head en index.html (feature-head)"
git push -u origin feature-head

```

```

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-head)
$ git add index.html

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-head)
$ git commit -m "Feature: actualizar head en index.html (feature-head)"
[feature-head 5894283] Feature: actualizar head en index.html (feature-head)
1 file changed, 1 insertion(+), 1 deletion(-)

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-head)
$ git push -u origin feature-head
git: 'credential-manager-core' is not a git command. See 'git --help'.
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), 353 bytes | 353.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'feature-head' on GitHub by visiting:
remote:   https://github.com/victorrl72/Forty/pull/new/feature-head
remote:
To https://github.com/victorrl72/Forty.git
 * [new branch]      feature-head -> feature-head
branch 'feature-head' set up to track 'origin/feature-head'.

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-head)

```

3. En remoto, crea una rama 'feature-articulo'. Duplica la página generic , nómbrala como articulo.html , y añade como contenido un artículo sobre Git. Confirma los cambios y realiza un commit. Muestra los commits del repositorio tal como se ven en GitHub.

```
git checkout -b feature-articulo
cp generic.html articulo.html
code articulo.html
git commit -m "Feature: crear articulo.html con contenido sobre Git"
git push -u origin feature-articulo
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-head)
$ git checkout -b feature-articulo
Switched to a new branch 'feature-articulo'

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-articulo)
$ cp generic.html articulo.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-articulo)
$ code articulo.html

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-articulo)
$ git commit -m "Feature: crear articulo.html con contenido sobre Git"
On branch feature-articulo
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        articulo.html

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

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-articulo)
$ git push -u origin feature-articulo
git: 'credential-manager-core' is not a git command. See 'git --help'.
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature-articulo' on GitHub by visiting:
remote:   https://github.com/victorrl72/Forty/pull/new/feature-articulo
remote:
To https://github.com/victorrl72/Forty.git
 * [new branch]      feature-articulo -> feature-articulo
branch 'feature-articulo' set up to track 'origin/feature-articulo'.

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-articulo)
```

4. En el repositorio local examina los cambios. Actualiza el repositorio con el remoto. Fusiona en 'main' las dos ramas 'feature'. Crea la etiqueta 'v2.0'. Muestra los logs, commits, etiquetas y ramas actuales, en local y en remoto

```
git checkout main
git fetch origin
git branch -r
git checkout -b feature-articulo origin/feature-articulo
git checkout main
git merge --no-ff feature-head -m "Merge feature-head into main"
git merge --no-ff feature-articulo -m "Merge feature-articulo into main"
```

```

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (feature-articulo)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git fetch origin

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git branch -r
  origin/feature-articulo
  origin/feature-head
  origin/main

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git checkout -b feature-articulo origin/feature-articulo
fatal: a branch named 'feature-articulo' already exists

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git merge --no-ff feature-head -m "Merge feature-head into main"
Merge made by the 'ort' strategy.
 index.html | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git merge --no-ff feature-articulo -m "Merge feature-articulo into main"
Already up to date.

vitr@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)

```

```

git log --graph --oneline --decorate --all
git tag -a v2.0 -m "Versión 2.0"
git tag
git show v2.0

```

```

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git log --graph --oneline --decorate --all
* b5e9d8e (HEAD -> main) Merge feature-head into main
| \
| * 5894283 (origin/feature-head, origin/feature-articulo, feature-head, feature-articulo) Feature:
|   ualizar head en index.html (feature-head)
| /
| * 16238d0 (tag: v1.0, origin/main) Merge hotfix into main
| \
| * e2be50c Hotfix: añadir enlace a about.html en el menú de index.html
| /
| * 3025c98 Merge feature-content into main
| \
| * ea42d65 (feature-content) Añadir nueva página about.html basada en generic.html
| * cc799f7 Cambiar font-size a 1.5em en main.css
| * 8e10935 Modificar generic.html en main
| /
* 148812e Import inicial del proyecto

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git tag -a v2.0 -m "Versión 2.0"

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git tag
v1.0
v2.0

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git show v2.0
tag v2.0
Tagger: Victor <victorr172@educastur.es>
Date:   Wed Nov 5 20:21:34 2025 +0100

Versión 2.0

commit b5e9d8e25f6185f2c26ca690bea7d4bf6e3cfe1a (HEAD -> main, tag: v2.0)
Merge: 16238d0 5894283
Author: Victor <victorr172@educastur.es>
Date:   Wed Nov 5 20:18:09 2025 +0100

    Merge feature-head into main

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)

```

git push origin main

git push origin v2.0

```

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git push origin main
git: 'credential-manager-core' is not a git command. See 'git --help'.
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 224 bytes | 224.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/victorr172/Forty.git
16238d0..b5e9d8e  main -> main

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git push origin v2.0
git: 'credential-manager-core' is not a git command. See 'git --help'.
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 166 bytes | 166.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/victorr172/Forty.git
* [new tag]          v2.0 -> v2.0

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$

```

```
git status --porcelain
git add articulo.html
git commit -m "Añadir articulo.html al proyecto"
git push origin main
git branch -d cambiar-enlaces
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status --porcelain
git add articulo.html
git commit -m "Añadir articulo.html al proyecto"
git push origin main
?? articulo.html
[main 76625e1] Añadir articulo.html al proyecto
1 file changed, 150 insertions(+)
create mode 100644 articulo.html
git: 'credential-manager-core' is not a git command. See 'git --help'.
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 2.56 KiB | 1.28 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/victorrl72/Forty.git
995b04c..76625e1 main -> main

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git branch -d cambiar-enlaces
Deleted branch cambiar-enlaces (was d9db24c).

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
```

5. En tu copia local, crea una rama nueva . En la rama nueva, cambia los enlaces de la página index.html para que apunten correctamente a la nueva página articulo.html . Confirma los cambios

```
git checkout -b cambiar-enlaces
code index.html
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git checkout -b cambiar-enlaces
Switched to a new branch 'cambiar-enlaces'

vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (cambiar-enlaces)
$ code index.html
```

```

<!-- Menu -->
<nav id="menu">
  <ul class="links">
    <li><a href="index.html">Home</a></li>
    <li><a href="landing.html">Landing</a></li>
    <li><a href="articulo.html">Generic</a></li>
    <li><a href="elements.html">Elements</a></li>
    <li><a href="about.html">About</a></li>
  </ul>
  <ul class="actions stacked">
    <li><a href="#" class="button primary fit">Get
    <li><a href="#" class="button fit">Log In</a><
  </ul>
</nav>

```

```
git add index.html
```

```
git commit -m "Actualizar enlaces en index.html para apuntar a articulo.htm
l"
```

```

viti@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (cambiar-enlaces)
$ git add index.html

viti@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (cambiar-enlaces)
$ git commit -m "Actualizar enlaces en index.html para apuntar a articulo.html"
[cambiar-enlaces d9db24c] Actualizar enlaces en index.html para apuntar a articulo.html
1 file changed, 1 insertion(+), 1 deletion(-)

```

6. Muestra los logs de forma que se vean las ramas en tu copia local

```
git log --graph --oneline --decorate --all
```

```

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (cambiar-enlaces)
$ git log --graph --oneline --decorate --all
* d9db24c (HEAD -> cambiar-enlaces) Actualizar enlaces en index.html para apuntar a articulo.html
* b5e9d8e (tag: v2.0, origin/main, main) Merge feature-head into main
| \
| * 5894283 (origin/feature-head, origin/feature-articulo, feature-head, feature-articulo) Feature: act
| ualizar head en index.html (feature-head)
| /
| * 16238d0 (tag: v1.0) Merge hotfix into main
| \
| * e2be50c Hotfix: añadir enlace a about.html en el menú de index.html
| /
| * 3025c98 Merge feature-content into main
| \
| * ea42d65 (feature-content) Añadir nueva página about.html basada en generic.html
| * cc799f7 Cambiar font-size a 1.5em en main.css
| * 8e10935 Modificar generic.html en main
| / \
| * 148812e Import inicial del proyecto

```

7. Te gusta el resultado de los cambios. Incorpora los cambios de la rama nueva a la principal.

```

git checkout main
git merge --no-ff cambiar-enlaces -m "Merge cambiar-enlaces into main"
git push origin main

```

```

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (cambiar-enlaces)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git merge --no-ff cambiar-enlaces -m "Merge cambiar-enlaces into main"
Merge made by the 'ort' strategy.
 index.html | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git push origin main
git: 'credential-manager-core' is not a git command. See 'git --help'.
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 432 bytes | 432.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 2 local objects.
To https://github.com/victorrl72/Forty.git
   b5e9d8e..995b04c  main -> main

```

8. Sube los cambios al remoto borrando la rama nueva , si es necesario. Comprueba primero con un comando en local, las ramas que hay en el repositorio remoto.

```
git branch -r
```

```
vitir@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git branch -r
  origin/feature-articulo
  origin/feature-head
  origin/main
```

9. Muestra en local los cambios en el archivo index.html entre la versión actual y la anterior

```
git fetch --tags
git tag -l
git show v2.0 --no-patch --pretty=oneline
git branch -a
git status
git log --graph --oneline --decorate --all -n 15
```



```

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git fetch --tags

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git tag -l
v1.0
v2.0

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git show v2.0 --no-patch --pretty=oneline
tag v2.0

Versión 2.0
b5e9d8e25f6185f2c26ca690bea7d4bf6e3cfe1a (tag: v2.0) Merge feature-head into main

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git branch -a
  cambiar-enlaces
  feature-articulo
  feature-content
  feature-head
* main
  remotes/origin/feature-articulo
  remotes/origin/feature-head
  remotes/origin/main

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

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

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$ git log --graph --oneline --decorate --all -n 15
* 995b04c (HEAD -> main, origin/main) Merge cambiar-enlaces into main
|
| * d9db24c (cambiar-enlaces) Actualizar enlaces en index.html para apuntar a articulo.html
|/
|
| * b5e9d8e (tag: v2.0) Merge feature-head into main
|/
|
| * 5894283 (origin/feature-head, origin/feature-articulo, feature-head, feature-articulo) Feature: actualizar head en index.html (feature-head)
|/
|
| * 16238d0 (tag: v1.0) Merge hotfix into main

```

```

|/
|
| * 16238d0 (tag: v1.0) Merge hotfix into main
|/
|
| * e2be50c Hotfix: añadir enlace a about.html en el menú de index.html
|/
|
| * 3025c98 Merge feature-content into main
|/
|
| * ea42d65 (feature-content) Añadir nueva página about.html basada en generic.html
| * cc799f7 Cambiar font-size a 1.5em en main.css
| * 8e10935 Modificar generic.html en main
|/
|
| * 148812e Import inicial del proyecto

vitor@LAPTOP-5533LPP4 MINGW64 ~/OneDrive/Documentos/forty (main)
$

```

10. En el repositorio en GitHub, navega hasta el archivo index.html y selecciona la opción "History"

Historial del archivo index.html consultado en GitHub

URL usada: <https://github.com/victorri72/Forty/commits/main/index.html>

Resultado: Se visualizan correctamente los commits que han modificado index.html

### Commits

History for `Forty` / `index.html` on `main`

All users

All time

Commits on Nov 5, 2025

Actualizar enlaces en index.html para apuntar a articulo.html

victorrl72 committed 26 minutes ago

d9db24c

<>

Feature: actualizar head en index.html (feature-head)

victorrl72 committed 50 minutes ago

5894283

<>

Commits on Nov 4, 2025

Hotfix: añadir enlace a about.html en el menú de index.html

victorrl72 committed yesterday

e2be50c

<>

Import inicial del proyecto

victorrl72 committed yesterday

148812e

<>

End of commit history for this file

Ejercicios forty

26