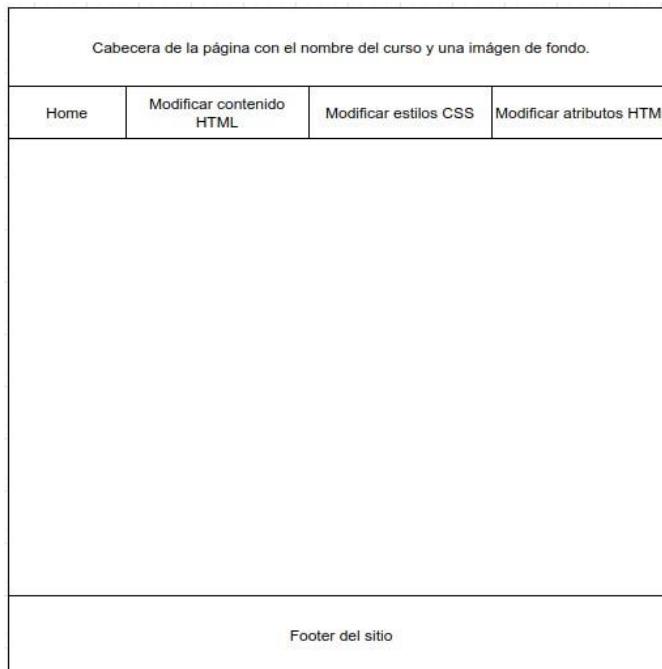


Pràctica 1 Sistemes de control de versions

MIGUEL GANDIA JORDA

Un client encarregat de realitzar formacions a empreses ha decidit crear un curs nou per poder ensenyar javascript aplicat a interaccions amb elements HTML. Per a això, ens ha demanat que implementem una xicoteta pàgina web en la qual mostrem alguns exemples en els quals s'utilitze aquest llenguatge de programació. La seua idea és que el producte final tinga un aspecte similar al següent esquema:



El nostre equip de programadors està compost per 3 personnes. Per aquest motiu, hem decidit dividir el treball de la manera següent:

1. L' usuari 1, que és el més experimentat, s'encarregarà de crear el repositori del projecte i implementarà l'estructura inicial de la pàgina en la qual inclourà la capçalera, la barra de navegació amb l'accés a Home i el footer de la pàgina. A la part central del home inclourà una breu descripció del curs.
2. L'usuari 2 crearà la secció de "Modificar contingut HTML" en el qual inclourà algun exemple similar al que existeix en el següent [enllaç](#) així com una explicació d'aquest codi. També desenvoluparà la secció "Modificar atributs HTML"
3. L'usuari 3 que acaba d'arribar a l'empresa implementarà la secció "Modificar estils CSS" de la mateixa manera que ha fet l'usuari 2. Afegirà exemples similars a [aquest](#) (comentant el codi).

A més, a causa de la complexitat del projecte, s'ha decidit seguir la metodologia git Flow per poder realitzar el desenvolupament.

-Per a realitzar este exercici, he decidit simular diversos usuaris, pero desde un mateix compte, pero a l'hora de fer les accions depenguent de cada usuari ,li cambie la configuració de Git, cambiant el nom del usuari i el correu, de manera que als commits es veurà reflexat diferents usuaris per a les diferents accions. Hi han més maneres que tal vegada siguen més apropiades, com seria el cas de gastar tres compters de git diferents, pero amb aquesta opció pense que el objectiu el estic complint.

Així doncs, la nostra tasca consistirà a crear un repositori a Github en el qual simulem tota la implementació acordada a més de documentar tot el procés correctament perquè el nostre client veja que som una empresa seria i treballem seguint una metodologia (això inclou missatges de commit seguint les bones pràctiques vistes a classe). Aquesta documentació, haurà d'estar inclosa en el github pages del propi repositori del projecte i haurà de contenir:

1. Una introducció teòrica de què és git, la metodologia git flow i per què la utilitzem en el nostre desenvolupament.
2. Explicació detallat del procés realitzat (incloent-hi captures) en el qual:
 1. L'**usuari 1** que és el més experimentat, s'encarregarà de crear el repositori del projecte, per poder utilitzar la metodologia git flow (creació de branques inicials), i implementarà l'estructura inicial del projecte utilitzant el següent boilerplate ([link](#)). Aquesta pàgina inicial inclourà la capçalera, la barra de navegació amb l'accés a Home i el footer de la pàgina.

He clonat la plantilla i li he ficat el nom de repo_control_version

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_version  
$ git clone https://github.com/h5bp/html5-boilerplate'...  
Cloning into 'html5-boilerplate'...  
remote: Enumerating objects: 10649, done.  
remote: Counting objects: 100% (151/151), done.  
remote: Compressing objects: 100% (94/94), done.  
remote: Total 10649 (delta 91), reused 103 (delta 56), pack-reused 10498 (from 1)  
Receiving objects: 100% (10649/10649), 21.97 MiB | 20.34 MiB/s, done.  
Resolving deltas: 100% (6333/6333), done.  
  
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_version  
$ ls  
'Práctica - Sistema de control de versiones (1).pdf'  
'Práctica - Sistema de control de versiones_MiguelGandiaJorda.docx'  
'html5-boilerplate/'  
'~Sáctica - Sistema de control de versiones_MiguelGandiaJorda.docx'  
  
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_version
```

Inicialitze el git flow:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (main)
$ git flow init

Which branch should be used for bringing forth production releases?
- main
Branch name for production releases: [main]
Branch name for "next release" development: [develop]

How to name your supporting branch prefixes?
Feature branches? [feature/]
Bugfix branches? [bugfix/]
Release branches? [release/]
Hotfix branches? [hotfix/]
Support branches? [support/]
Version tag prefix? [] 1.0
Hooks and filters directory? [C:/Users/Miguel/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version/.git/hooks]
```

Per a començar a treballar amb el projecte, cree la branca featrure/inicial

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (develop)
$ git flow feature start inicial
Switched to a new branch 'feature/inicial'
M   src/index.html

Summary of actions:
- A new branch 'feature/inicial' was created, based on 'develop'
- You are now on branch 'feature/inicial'

Now, start committing on your feature. When done, use:
  git flow feature finish inicial
```

Inclou la capçalera, la barra de navegació amb l'accés a Home i el footer de la pàgina.

```
< OPEN EDITORS >
src > index.html > html.no-js > body > header > nav
  12  <meta property="og:type" content=">
  13  <meta property="og:url" content="">
  14  <meta property="og:image" content="">
  15  <meta property="og:image:alt" content="">
  16
  17  <link rel="icon" href="/favicon.ico" sizes="any">
  18  <link rel="icon" href="icon.svg" type="image/svg+xml">
  19  <link rel="apple-touch-icon" href="icon.png">
  20
  21  <link rel="manifest" href="site.webmanifest">
  22  <meta name="theme-color" content="#fafafa">
  23 </head>
  24
  25 <body>
  26
  27  <!-- Add your site or application content here -->
  28  <header>
  29    <h1>Prac1_Desplegament</h1>
  30    <nav>
  31      <a href="index.html">Home</a>
  32    </nav>
  33  </header>
  34  <main>
  35    <section id="introduccio">
  36      <p>Benvinguts a la repo de control de versions</p>
  37    </section>
  38  </main>
  39  <footer>
  40    <p>&copy; 2024 Miguel Gandia</p>
  41  </footer>
  42
  43  <script src="js/app.js"></script>
  44
  45 </body>
  46
  47 </html>
  48
```

Faig el commit del que he fet:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/inicial)
$ 
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/inicial)
$ git add .
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/inicial)
$ git commit -m "User 1 starting project"
[feature/inicial ee4cc96] User 1 starting project
 1 file changed, 15 insertions(+), 1 deletion(-)
```

I tanque feature inicial.

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version
$ git flow feature finish inicial
Switched to branch 'develop'
Updating e5a7112..ee4cc96
Fast-forward
  src/index.html | 16 ++++++++-----+
  1 file changed, 15 insertions(+), 1 deletion(-)
Deleted branch feature/inicial (was ee4cc96).

Summary of actions:
- The feature branch 'feature/inicial' was merged into 'develop'
- Feature branch 'feature/inicial' has been locally deleted
- You are now on branch 'develop'
```

2. L'usuari 2, crea dos features (feature/contingutHTML i feature/atributsHTML, 1 per cada secció que ha d'implementar).

Cree el feature

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version
$ git flow feature start contingutHTML
Switched to a new branch 'feature/contingutHTML'

Summary of actions:
- A new branch 'feature/contingutHTML' was created, based on 'develop'
- You are now on branch 'feature/contingutHTML'

Now, start committing on your feature. When done, use:

  git flow feature finish contingutHTML
```

Implemente una funció per a cambiar el html de un paràgraf amb js

```
<link rel="stylesheet" href="style.css" />
<meta name="theme-color" content="#fafafa">
</head>

<body>

<section id="modificarHTML">
  <h2>Modificar HTML</h2>
  <p id="paragraf">Cambiam amb JS</p>

  <input type="text" id="content_new" placeholder="Escrui algo interessant">
  <button onclick="modificar()">Modifica!</button>

  <script>
    function modificar() {
      var content_new = document.getElementById('content_new').value;
      document.getElementById('paragraf').innerText = content_new;
    }
  </script>
</section>
<script src="js/app.js"></script>

</body>

</html>
```

Commit del usuari 2, amb la nova funcio per a modificar el html

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version
$ git add .

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version
$ git commit -m "Usuari 2, New function modificarHTML"
[feature/contingutHTML 6942101] Usuari 2, New function modificarHTML
 1 file changed, 14 insertions(+), 2 deletions(-)
```

Tanque el feature:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version
$ git flow feature finish contingutHTML
Switched to branch 'develop'
Deleted branch feature/contingutHTML (was 6942101).

Summary of actions:
- The feature branch 'feature/contingutHTML' was merged into 'develop'
- Feature branch 'feature/contingutHTML' has been locally deleted
- You are now on branch 'develop'
```

Ara el maetix pero amb una funcio de modificar els atributs:

- Inicie el feature:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (develop)
$ git flow feature start atributsHTML
Switched to a new branch 'feature/atributsHTML'

Summary of actions:
- A new branch 'feature/atributsHTML' was created, based on 'develop'
- You are now on branch 'feature/atributsHTML'

Now, start committing on your feature. When done, use:
  git flow feature finish atributsHTML

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/atributsHTML)
$ :
```

```
<section id="modificarAtributs">
  <h2>Modificar atributs HTML</h2>
  
  <button onclick="canviarImatge()">Canviar imatge</button>

  <script>
    function canviarImatge() {
      document.getElementById('imatge').src = "ceba.png";
    }
  </script>
</section>
```

Finalment ho anyadim i fem el commit(al fer el commit es fa el merge amb la rama develop com podem observar)

```

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/atributsHTML)
$ git add .

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/atributsHTML)
$ git commit -m "Usuari 2: New function modificate atributs"
[feature/atributsHTML c08f55d] Usuari 2: New function modificate atributs
  1 file changed, 14 insertions(+), 1 deletion(-)

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/atributsHTML)
$ git flow feature finish atributsHTML
Switched to branch 'develop'
Updating a0f4af9..c08f55d
Fast-forward
  src/index.html | 15 ++++++++-----
  1 file changed, 14 insertions(+), 1 deletion(-)
Deleted branch feature/atributsHTML (was c08f55d).

Summary of actions:
- The feature branch 'feature/atributsHTML' was merged into 'develop'
- Feature branch 'feature/atributsHTML' has been locally deleted
- You are now on branch 'develop'

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (develop)
$ 

```

3. L 'usuari 3', crea una feature (feature/estilsCSS) associada al canvi per afegir la seua secció. L'usuari 3, a més, crea una nova release amb totes les features que etiqueta com v1.0.

```

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (develop)
$ git flow feature start estilsCSS
Switched to a new branch 'feature/estilsCSS'
M     src/index.html

Summary of actions:
- A new branch 'feature/estilsCSS' was created, based on 'develop'
!S- You are now on branch 'feature/estilsCSS'

S Now, start committing on your feature. When done, use:
  git flow feature finish estilsCSS
C
to Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_versions/repo_control_version (feature/estilsCSS)
$ 

```

Una funció per a cambiar color de manera aleatoria

```

function canviarColor() {
    const randomColor = '#' + Math.floor(Math.random() * 16777215).toString(16);
    document.getElementById('divColor').style.backgroundColor = randomColor;
}

```

Per ara la web es veu així:

Prac1_Desplegament

[Home](#)

Benvinguts a la repo de control de versions

Modificar HTML

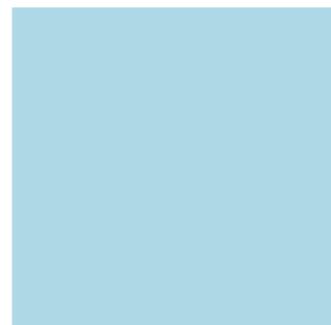
Cambiam amb JS

Modificar atributs



[Canviar imatge](#)

Modificar estils CSS



[Canviar color](#)

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Després ho posaré a la barra de navegació.

- Add

i

commit:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_
sions/repo_control_version (feature/estilsCSS)
$ git add .

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes_control_
sions/repo_control_version (feature/estilsCSS)
$ git commit -m "Usuari 3 : New function change style randomly"
[feature/estilsCSS b44ec1a] Usuari 3 : New function change style randomly
1 file changed, 45 insertions(+), 15 deletions(-)
```

```
finalitzar el feature:  
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sis  
sions/repo_control_version (feature/estilsCSS)  
$ git flow feature finish estilsCSS  
Switched to branch 'develop'  
Updating c08f55d..b44ec1a  
Fast-forward  
  src/index.html | 60 ++++++-----  
    1 file changed, 45 insertions(+), 15 deletions(-)  
Deleted branch feature/estilsCSS (was b44ec1a).  
  
Summary of actions:  
- The feature branch 'feature/estilsCSS' was merged into 'develop'  
- Feature branch 'feature/estilsCSS' has been locally deleted  
- You are now on branch 'develop'
```

Ara el mateix usuari crea una release de la primera versió:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sis  
sions/repo_control_version (develop)  
$ git flow release start v1.0  
Switched to a new branch 'release/v1.0'  
  
Summary of actions:  
- A new branch 'release/v1.0' was created, based on 'develop'  
- You are now on branch 'release/v1.0'  
  
Follow-up actions:  
- Bump the version number now!  
- Start committing last-minute fixes in preparing your release  
- When done, run:  
  git flow release finish 'v1.0'
```

Ho comproba que estiga tot bé i tanca el release per a que es fatja un merge del main i develop

```

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/
sions/repo_control_version (release/v1.0)
$ git flow release finish v1.0
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
Merge made by the 'ort' strategy.
src/ceba.png | Bin 0 -> 199361 bytes
src/index.html | 78 ++++++-----+
2 files changed, 77 insertions(+), 1 deletion(-)
create mode 100644 src/ceba.png
Already on 'main'
Your branch is ahead of 'origin/main' by 8 commits.
(use "git push" to publish your local commits)
fatal: no tag message?
Fatal: Tagging failed. Please run finish again to retry.

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/
sions/repo_control_version (main)
$ git flow release finish -m "VERSIO final 1.0" v1.0
Branches 'main' and 'origin/main' have diverged.
And local branch 'main' is ahead of 'origin/main'.
Already on 'main'
Your branch is ahead of 'origin/main' by 8 commits.
(use "git push" to publish your local commits)
Switched to branch 'develop'
Merge made by the 'ort' strategy.
Deleted branch release/v1.0 (was b44ec1a).

Summary of actions:
- Release branch 'release/v1.0' has been merged into 'main'
- The release was tagged '1.0v1.0'
- Release tag '1.0v1.0' has been back-merged into 'develop'
- Release branch 'release/v1.0' has been locally deleted
- You are now on branch 'develop'

```

Havia de fer el finish amb un missatge.

```

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/
sions/repo_control_version (develop)
$ git push -u origin main
Enumerating objects: 10567, done.
Counting objects: 100% (10567/10567), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4098/4098), done.
Writing objects: 100% (10567/10567), 22.14 MiB | 8.02 MiB/s, done.
Total 10567 (delta 6319), reused 10537 (delta 6301), pack-reused 0
remote: Resolving deltas: 100% (6319/6319), done.
To https://github.com/miganjo99/repo_control_version.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/
sions/repo_control_version (develop)
$ 
git push -u origin develop
git push --tags

```

Fer els push pertinents per a muntar-ho al repositori en línia

M'ha sorgit el problema, que el repositori de la plantilla, al ser propietat de altra persona , quan feia el push apuntava al seu repositori per el que he tingut que fer el seguent;

`git remote set-url origin https://github.com/miganjo99/repo_control_version`

Per a que d'aquesta manera apunten els push al meu repositori.

4. L'usuari 1 que s'encarrega de les proves, decideix millorar un poc la secció del contingut creada per l'usuari 2. Per a això, crea un hotfix (hotfix/milloresV_1_0) que efectua aquesta millora.

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sisteme  
sions/repo_control_version (develop)  
$ git flow hotfix start milloresV_1_0  
Switched to a new branch 'hotfix/milloresV_1_0'  
  
Summary of actions:  
- A new branch 'hotfix/milloresV_1_0' was created, based on 'main'  
- You are now on branch 'hotfix/milloresV_1_0'  
  
Follow-up actions:  
- Start committing your hot fixes  
- Bump the version number now!  
- When done, run:  
  
    git flow hotfix finish 'milloresV_1_0'
```

Després de anyadir algo de css com:

EXPLORER ... index.html # style.css U TAG_EDITMSG icon.png

OPEN EDITORS index.html src # style.css src/css U TAG_EDITMSG .git icon.png src

REPO_CONTROL_VERSION .github dist docs src css # style.css U img .gitkeep js .editorconfig .gitattributes .gitignore 404.html ceba.png favicon.ico icon.png icon.svg index.html package.json robots.txt site.webmanifest webpack.common.js webpack.config.dev.js webpack.config.prod.js test .cspell.json .editorconfig

```
src > css > # style.css > nav a
1
2 body {
3   font-family: Arial, sans-serif;
4   background-color: #f0f0f0;
5   margin: 0;
6   padding: 0;
7 }
8
9 header {
10   background-color: #333;
11   color: white;
12   padding: 10px;
13   text-align: center;
14 }
15
16 header h1 {
17   margin: 0;
18 }
19
20 nav a {
21   color: white;
22   text-decoration: none;
23   margin: 0 15px;
24   font-weight: bold;
25 }
26
27 nav a:hover {
28   text-decoration: underline;
29 }
30
31 main {
32   padding: 20px;
33   text-align: center;
34 }
35
36 section {
37   margin: 20px auto;
```

Realitzem el add i el commit:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes/repo_control_version (hotfix/milloresV_1_0)
$ git add .
warning: in the working copy of 'src/css/style.css', CRLF will be replaced by LF
Git touches it

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes/repo_control_version (hotfix/milloresV_1_0)
$ git commit -m "Usuari 1: Adding some style in index"
[hotfix/milloresV_1_0 71b7c2b] Usuari 1: Adding some style in index
 1 file changed, 83 insertions(+)
 create mode 100644 src/css/style.css

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes/repo_control_version (hotfix/milloresV_1_0)
$ :
```

Tanquem el hotfix:

```
Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes/repo_control_version (hotfix/milloresV_1_0)
$ git flow hotfix finish mejoresV_1_0
switched to branch 'main'
our branch is up to date with 'origin/main'.
merge made by the 'ort' strategy.
src/css/style.css | 83 ++++++
1 file changed, 83 insertions(+)
create mode 100644 src/css/style.css
fatal: no tag message?
fatal: Tagging failed. Please run finish again to retry.

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes/repo_control_version (main)
$ git flow hotfix finish -m "Adding style v_1_0" mejoresV_1_0
branches 'main' and 'origin/main' have diverged.
and local branch 'main' is ahead of 'origin/main'.
switched to branch 'develop'
our branch is up to date with 'origin/develop'.
merge made by the 'ort' strategy.
src/css/style.css | 83 ++++++
1 file changed, 83 insertions(+)
create mode 100644 src/css/style.css
deleted branch hotfix/mejoresV_1_0 (was 71b7c2b).

summary of actions:
Hotfix branch 'hotfix/mejoresV_1_0' has been merged into 'main'
The hotfix was tagged '1.0mejoresV_1_0'
Hotfix tag '1.0mejoresV_1_0' has been back-merged into 'develop'
Hotfix branch 'hotfix/mejoresV_1_0' has been locally deleted
You are now on branch 'develop'

Miguel@DESKTOP-0A5ETCR MINGW64 ~/Desktop/2nDAW/Desplegament/git/pracs/prac_sistemes/repo_control_version (develop)
```

Se m'habia oblidat de nou tancar amb un missatge...

Després fer el push origin main i push origin develop

En finalitzar el treball, el nostre repositori haurà de contenir, a més de les branques necessàries per poder realitzar el desenvolupament comentat, una branca (gh-pages) en la qual s'inclourà tota la documentació del procés i un projecte creat en github en el qual es donarà accés com a col·laborador a l'usuari de github [antonijimenez](#). En el canvas d' aquest

projecte, hauran d' aparèixer les features i hotfix que s' han creat al llarg d' aquesta activitat amb tota la informació possible.

*Per simular que som l'usuari 1, 2 o 3, en el missatge del commit nom de cadascun d'ells.