

1. We navigate to the directory

```
C:\Users\Estudiant>cd C:\Users\Estudiant\Desktop\WEB

C:\Users\Estudiant\Desktop\WEB>dir
El volumen de la unidad C es Windows
El número de serie del volumen es: F473-536D

Directorio de C:\Users\Estudiant\Desktop\WEB

09/03/2025  10:42    <DIR>          .
09/03/2025  10:41    <DIR>          ..
09/03/2025  10:42                6.202 Deadcells.jpg
09/03/2025  10:42                3.357 Games.html
                2 archivos                9.559 bytes
                2 dirs   201.350.819.840 bytes libres
```

Initializing git repository

```
C:\Users\Estudiant\Desktop\WEB>git init
Initialized empty Git repository in C:/Users/Estudiant/Desktop/WEB/.git/

C:\Users\Estudiant\Desktop\WEB>git status
On branch master
```

No commits yet

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

```
C:\Users\Estudiant\Desktop\WEB>git config --global user.email "agj960@id.uib.eu"

C:\Users\Estudiant\Desktop\WEB>git config --global user.name "Alvaro"
```

```
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Deadcells.jpg
    new file:   Games.html

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    Games.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    formlab5.html
```

```
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Deadcells.jpg
    new file:   formlab5.html
```

Commit

```
C:\Users\Estudiant\Desktop\WEB>git commit -m "Prova1"
[master (root-commit) 4d4e565] Prova1
 2 files changed, 69 insertions(+)
 create mode 100644 Deadcells.jpg
 create mode 100644 formlab5.html

C:\Users\Estudiant\Desktop\WEB>git status
On branch master
nothing to commit, working tree clean

C:\Users\Estudiant\Desktop\WEB>
```

2. Now we created branch num2lab5

```
C:\Users\Estudiant\Desktop\WEB>git status
On branch master
nothing to commit, working tree clean

C:\Users\Estudiant\Desktop\WEB>git branch num2Lab5

C:\Users\Estudiant\Desktop\WEB>git branch
* master
  num2Lab5
```

now we are on branch num2lab5

```
C:\Users\Estudiant\Desktop\WEB>git checkout num2Lab5
Switched to branch 'num2Lab5'

C:\Users\Estudiant\Desktop\WEB>git branch
  master
* num2Lab5
```

3. Changes to code

```
</h1>
/> <h1> Videojuegos </h1>
<form ACTION="/formResults.html" METHOD="GET" >
  <div> Registrese aqui: <br>
    <input type="text" size="10" maxlength="12" value="Colbert" />
    <input type="text" size="10" maxlength="12" value="Report" />
    <input type="email" size="10" maxlength="20" required placeholder="Email" />
    <input type="password" size="10" maxlength="8" required placeholder="Password" />
  </div>
```

```

<div>
  <label> Elija su Pais:</label>
  <select name="Pais">
    <option>España</option>
    <option>Francia</option>
    <option>Alemania</option>
    <option>Dinamarca</option>
    <option>USA</option>
    <option>UK</option>
    <option>Otro</option>
  </select>
</div>

```

git commit:

```

C:\Users\Estudiant\Desktop\WEB>git status
On branch num2Lab5
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:   formLab5.html

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

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

C:\Users\Estudiant\Desktop\WEB>git add .
warning: in the working copy of 'formResults.html', LF will be replaced by CRLF the next time Git touches it

C:\Users\Estudiant\Desktop\WEB>git status
On branch num2Lab5
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   formResults.html
    modified:   formLab5.html

C:\Users\Estudiant\Desktop\WEB>git commit -m "ActuBranchnum2Lab5"
[num2Lab5 38a3531] ActuBranchnum2Lab5
 2 files changed, 58 insertions(+), 30 deletions(-)
 create mode 100644 formResults.html

```

we change branch and nothing happened cause on merge was executed

```

C:\Users\Estudiant\Desktop\WEB>git branch
* master
* num2Lab5

C:\Users\Estudiant\Desktop\WEB>git checkout master
Switched to branch 'master'

C:\Users\Estudiant\Desktop\WEB>git branch
* master
  num2Lab5

C:\Users\Estudiant\Desktop\WEB>git status
On branch master
nothing to commit, working tree clean

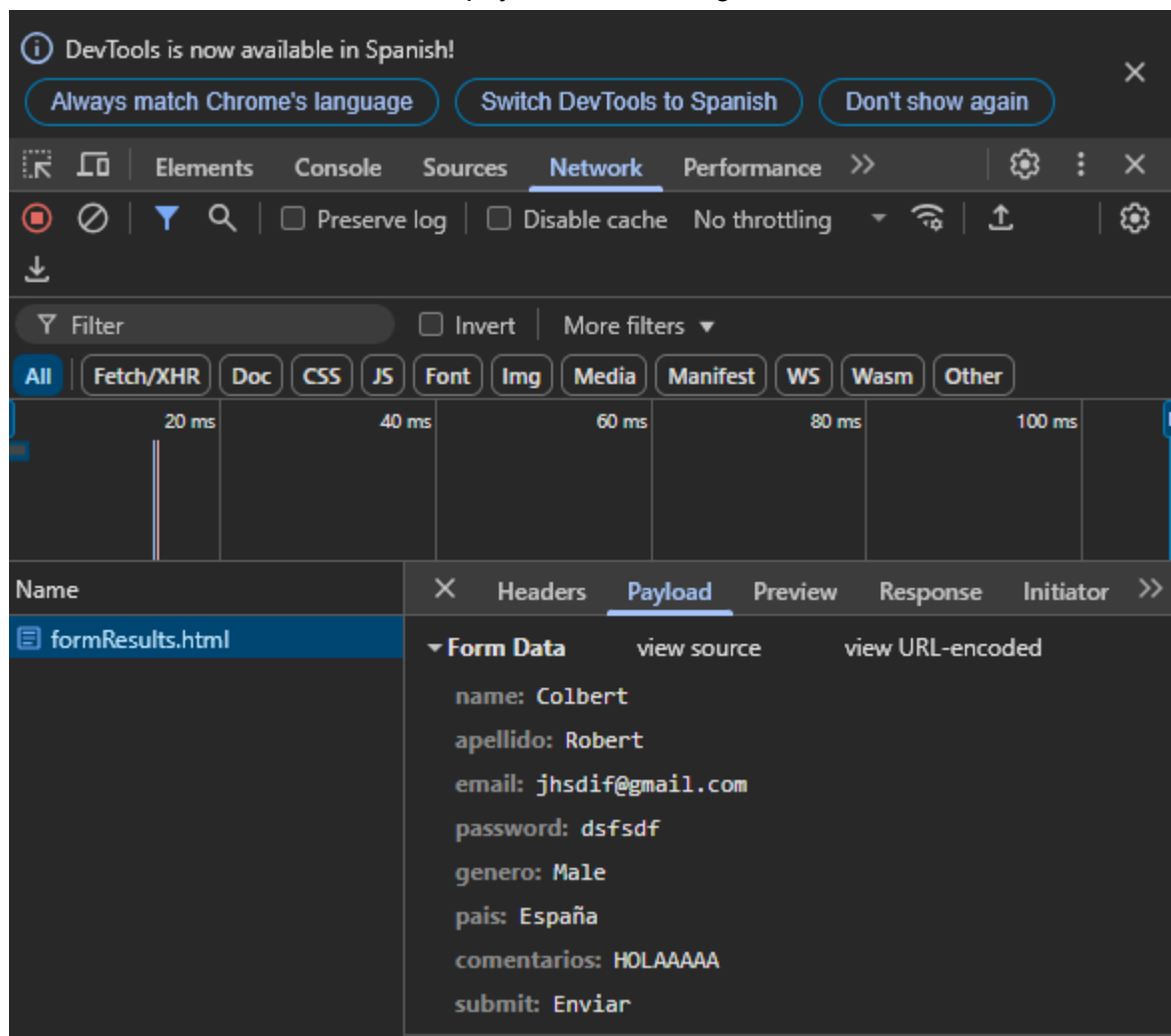
```

4.
 1. For the user the place holder is juts a text u cant interact with that will go away whenever you write something.
 2. The label is linked to the input field grants accessibility and clicking on the label will get you to the field, without linking it it works fine is just worse since its messier.
 3. clicking on the label will get you to the field.
 4. This name attribute is used to associate a value with its “variable” meaning that when u see the results of the form i will get Colbert as the name since name = “name”.
5.
 1. The redirected URL is:

file:///C:/Users/%C3%81lvaro/Desktop/WEB%20VIDEOGAMES/formResults.html?name=Colbert&apellido=Robert&email=few%40gmail.com&password=sdfsdf&genero=Male&pais=Espa%C3%B1a&comentarios=HOLAaaaaa&submit=Enviar

Here we can see a lot of data, all of the black one is from the form, and the cursive is the directory in my pc.

2. In this case the data is transmitted in the HTTP datagram, if we use f12 and go to network we can see the data in the payload of the datagram:



3. Without altering the predefined value this becomes the final value when we submit it in the exact way if we change it.

7. 1. The maxlength attribute

```
<label for="name">Nombre:</label>
<input type="text" id="name" name="name" size="10" value="Colbert" maxlength="16"/><br />

<label for="apellido">Apellido:</label>
<input type="text" id="apellido" name="apellido" value="Robert" maxlength="20"/><br />
```

2.1 `minlength="6"`

2.2 `pattern="^(?=.*[a-z])(?=.*[A-Z])"`

2.3 `(?=.*\d){6,}$"`

```
<label for="password">Contraseña:</label>
<input type="password" id="password" name="password" size="10"
minlength="6" pattern="^(?=.*[a-z])(?=.*[A-Z])(?=.*\d){6,}$"
required placeholder="Enter your password" /><br />
```

3. `pattern="[a-zA-Z0-9._%+-]+@uib\.es"`

6. Now all code is done so we will merge the branches into the main one confirming all we done into our project:

```
C:\Users\Álvaro\Desktop\WEB VIDEOGAMES>git log
commit e513b569930108400a648f5710fbae29b0d11d78 (HEAD -> num2Lab5)
Author: Alvic42 <alvarogj2002@gmail.com>
Date: Thu Mar 20 16:29:36 2025 +0100

    LAB5

commit d4a2b0d0eac77c5225e48b588610a9c28c995fcf
Author: Alvic42 <alvarogj2002@gmail.com>
Date: Thu Mar 20 16:26:58 2025 +0100

    Actu3

commit c5117d152dce450eb1c0b65c467fe3b7764e798d (master)
Author: Alvic42 <alvarogj2002@gmail.com>
Date: Thu Mar 20 15:25:51 2025 +0100

    Actu3
```

here we can see how the LAB5 actualitization is only visible on num2lab5

now we merge them:

```
C:\Users\Álvaro\Desktop\WEB VIDEOGAMES>git branch
* master
  num2Lab5

C:\Users\Álvaro\Desktop\WEB VIDEOGAMES>git merge num2Lab5
Updating c5117d1..e513b56
Fast-forward
 formlab5.html | 16 ++++++++-----
 1 file changed, 11 insertions(+), 5 deletions(-)
```

```
C:\Users\Álvaro\Desktop\WEB VIDEOGAMES>git status
On branch master
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

finally we see this meaning everything is up to date.