

Hands-On Assignment: Basic Git And GitHub Workflow

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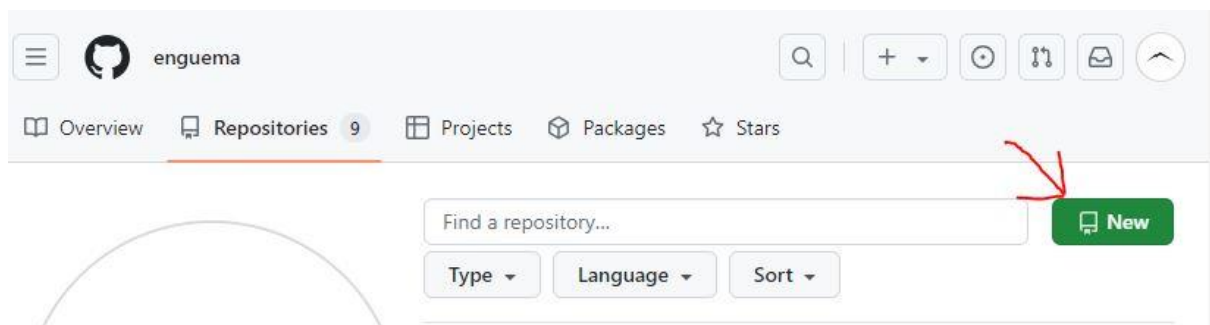
Task 1: Repository Setup

1. GitHub Repository Creation:

- Log in to your GitHub account.
- Create a new repository on GitHub (let's call it "PLPBasicGitAssignment").
- Initialize it with a README file.

Solution:

Para crear un nuevo repositorio nos dirigimos a la pestaña “repositorios” y damos clic en “new”.



Seguidamente introducimos el nombre que tendrá el nuevo repositorio y las configuraciones que deseamos:

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 (*).

Repository template

No template ▾

Start your repository with a template repository's contents.

Owner *

enguema ▾

Repository name *

PLPBasicGitAssignment

✓ PLPBasicGitAssignment is available.

Great repository names are short and memorable. Need inspiration? How about [symmetrical-rotary-phone](#) ?

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.](#)

Task 2: Local Setup

2. Local Folder Setup:

- Create a new folder on your local machine (e.g., "PLPBasicGitAssignment").
- Open a terminal or command prompt and navigate to the created folder.

```
enguema@DESKTOP-ENQLOEK MINGW64 ~  
$ cd ~/Desktop/Clases/plp/PLPBasicGitAssignment  
  
enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment  
$ |
```

3. Git Initialization:

- Initialize a new Git repository in your local folder.

```
enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment
$ git init
Initialized empty Git repository in C:/Users/enguema/Desktop/Clases/plp/PLPBasicGitAssignment/.git/

enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment (master)
$ |
```

4. Connecting to GitHub:

- Link your local repository to the GitHub repository you created in Task 1

```
enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment (master)
$ git remote add origin https://github.com/enguema/PLPBasicGitAssignment.git
```

Task 3: Making Changes

5. Create a File:

- Inside your local folder, create a new text file (e.g., `hello.txt`).
- Add a simple text message (e.g., "Hello, Git!").

6. Committing Changes:

- Stage the changes.

```
enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment (master)
$ git add Hello.txt

enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment (master)
$ git commit -m "Hello.txt with a greeting"
[master (root-commit) 6544f66] Hello.txt with a greeting
1 file changed, 1 insertion(+)
create mode 100644 Hello.txt

enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment (master)
$ |
```

Task 4: Pushing to GitHub

7. Pushing to GitHub:

- Push the committed changes to your GitHub repository.

```
enguema@DESKTOP-ENQLOEK MINGW64 ~/Desktop/Clases/plp/PLPBasicGitAssignment (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 245 bytes | 30.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/enguema/PLPBasicGitAssignment/pull/new/master
remote:
To https://github.com/enguema/PLPBasicGitAssignment.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

Task 5: Verification

8. Verify on GitHub:

- Visit your GitHub repository in a web browser and confirm that the `hello.txt` file and commit message are visible.

The screenshot shows the GitHub interface for the repository 'enguema / PLPBasicGitAssignment'. The repository is public and has 0 stars and 0 forks. The main branch is 'master', which is 1 commit ahead of and 1 commit behind the 'main' branch. A recent commit by 'enguema' is visible, titled 'Hello.txt with a greeting', with commit hash '6544f66' and timestamp '9 minutes ago'. The commit message 'Hello.txt with a greeting' is also visible. A red arrow points to the commit message, and another red arrow points to the file 'Hello.txt' in the commit details. The 'Hello.txt' file is listed with the same commit message and timestamp. Below the commit details, there is a section for 'README' with a button 'Add a README'.

enguema / PLPBasicGitAssignment

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

PLPBasicGitAssignment Public

master had recent pushes 6 minutes ago [Compare & pull request](#)

master Go to file + <> Code

This branch is 1 commit ahead of, 1 commit behind main. [Contribute](#)

enguema Hello.txt with a greeting 6544f66 · 9 minutes ago

Hello.txt Hello.txt with a greeting 9 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](#)