

Aluno: Augusto Fabio Lage Assis

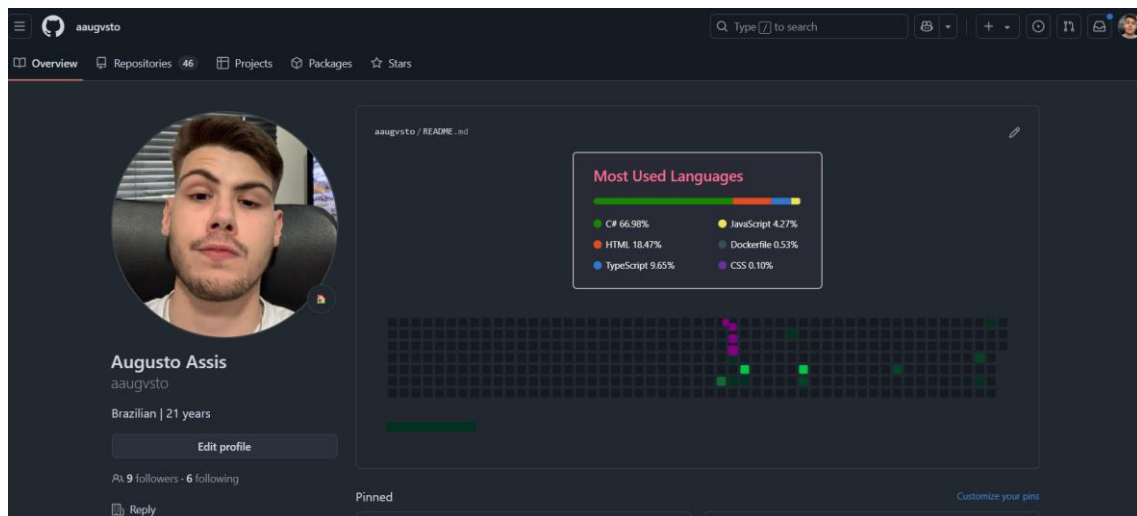
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Unidade: Contagem – Noite

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UC: Gestão e Qualidade de Software

Exercício 1 – Conta Github



The screenshot shows the GitHub profile of user 'aaugvsto'. The profile includes a circular profile picture of a young man, the name 'Augusto Assis', the username 'aaugvsto', and the location 'Brazilian | 21 years'. Below this is an 'Edit profile' button and statistics showing 9 followers and 6 following. The main content area displays a pinned repository named 'aaugvsto / README.md'. To the right of the repository name is a 'Most Used Languages' widget with a horizontal bar chart and a list of languages: C# (66.98%), JavaScript (4.27%), HTML (18.47%), Dockerfile (0.53%), TypeScript (9.65%), and CSS (0.10%). Below the languages is a grid of colored squares representing code contributions. The top navigation bar shows the user's name, a search bar, and icons for repositories, projects, packages, and stars.

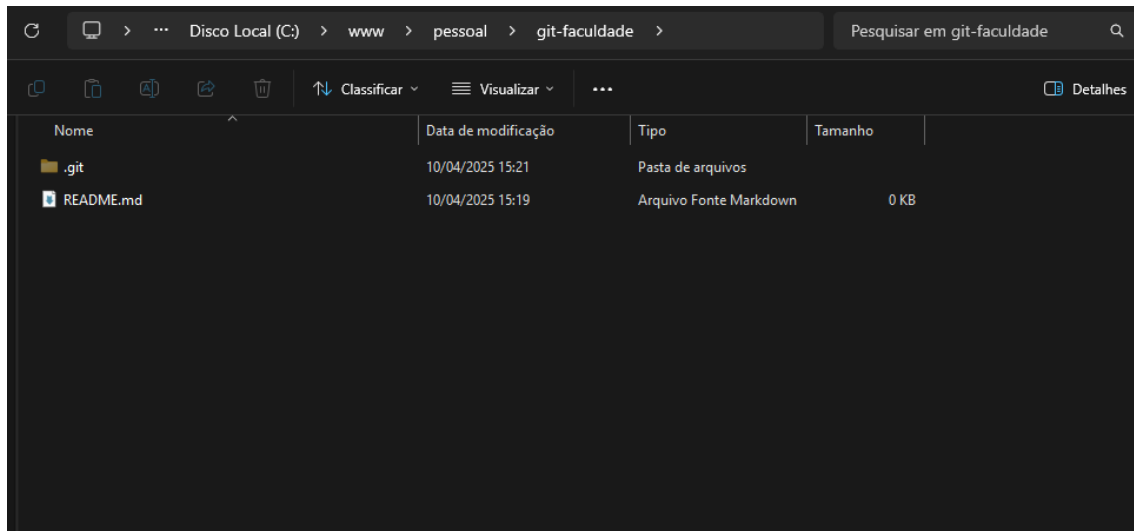
Language	Percentage
C#	66.98%
JavaScript	4.27%
HTML	18.47%
Dockerfile	0.53%
TypeScript	9.65%
CSS	0.10%

Exercício 2 – Git Config

```
C:\Users\au.assis>git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Augusto Assis
user.email=65744013+aaugvsto@users.noreply.github.com
safe.directory=C:/www/pessoal/shop-whatsapp
safe.directory=C:/www/pessoal/_pedidos/api
safe.directory=c:/www/pessoal/ClinicaMedica
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
```

Exercício 3 – Criar/Clonar repositório

The screenshot shows a GitHub repository page for 'aula-git-github' (Private). The repository has 1 branch (master) and 0 tags. It shows a commit by 'aaugvsto' with the message 'first commit' and a file 'README.md'. The right sidebar contains sections for 'About' (No description, website, or topics provided), 'Activity' (0 stars, 1 watching, 0 forks), 'Releases' (No releases published, Create a new release), and 'Packages' (No packages published, Publish your first package).



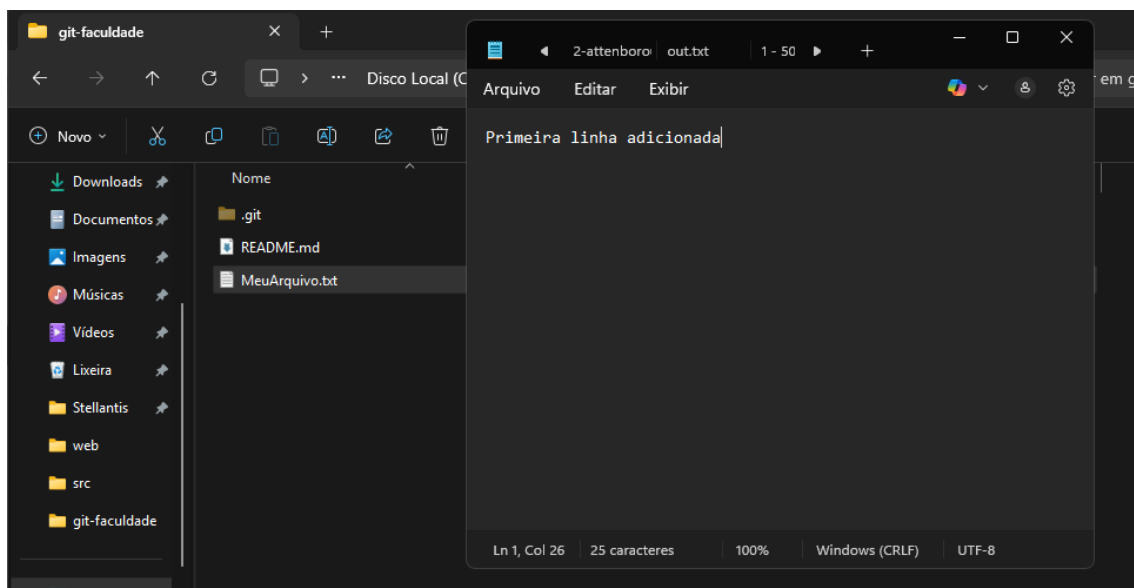
```
Windows PowerShell

> git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

> |
```

Exercício 4 – Adicionar arquivo no repositório local e subir para o repositório remoto



```
> git status
On branch master
Your branch is up to date with 'origin/master'.

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

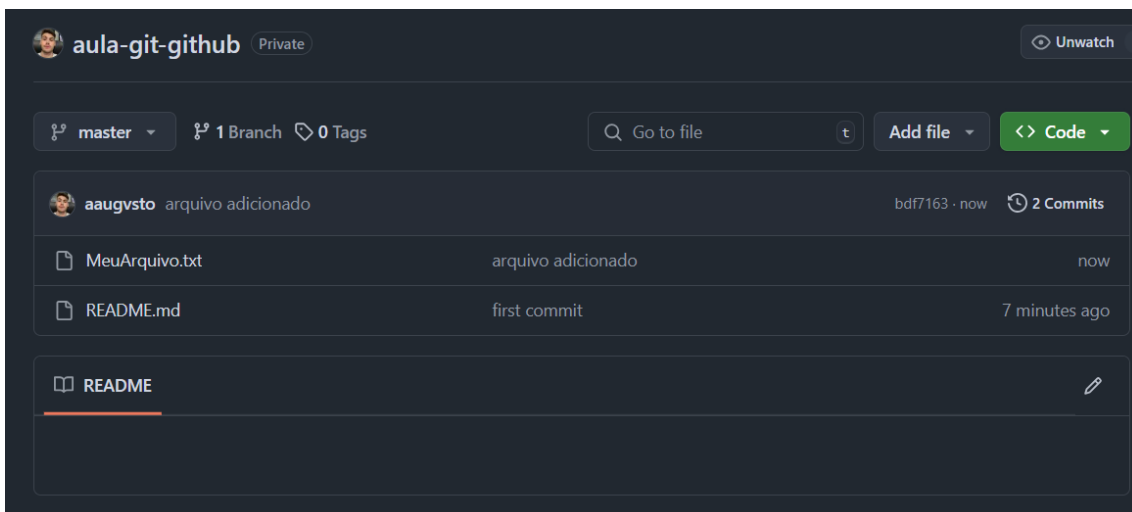
nothing added to commit but untracked files present (use "git add" to track)
> git add MeuArquivos.txt
fatal: pathspec 'MeuArquivos.txt' did not match any files
> git add MeuArquivo.txt
> git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file> ..." to unstage)
       new file:   MeuArquivo.txt

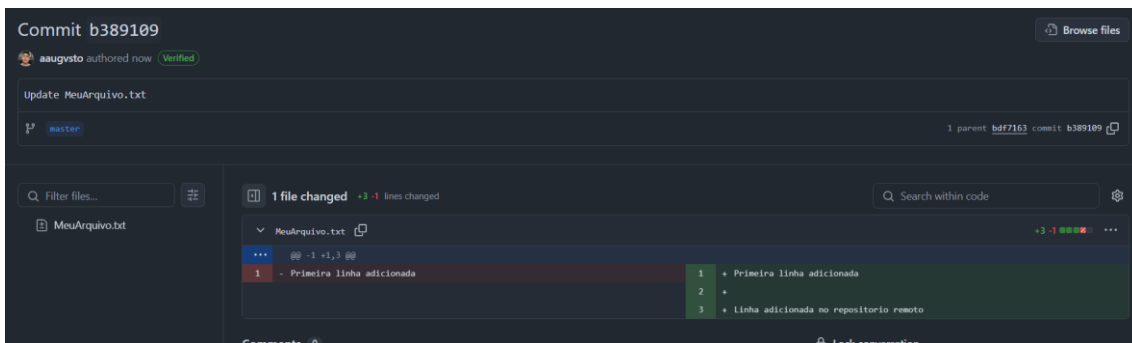
> git commit -m "arquivo adicionado"
[master bdf7163] arquivo adicionado
 1 file changed, 1 insertion(+)
 create mode 100644 MeuArquivo.txt

449ms > git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 331 bytes | 165.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:aaugvsto/aula-git-github.git
 dcd098f..bdf7163  master -> master

5.017s > |
```



Exercicio 5 – Alterar repositório remoto e puxar alterações para repositório local



```
> git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 990 bytes | 26.00 KiB/s, done.
From github.com:aaugvsto/aula-git-github
   bdf7163..b389109  master    -> origin/master

5.247s > git status
On branch master
Your branch is behind 'origin/master' by 1 commit, and can be fast-forwarded.
(use "git pull" to update your local branch)

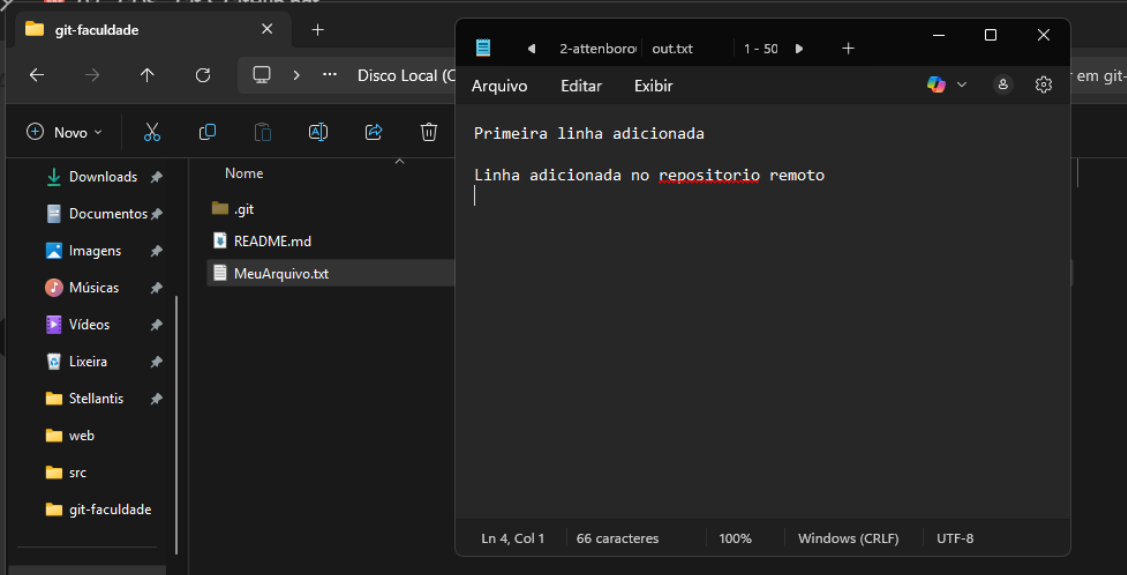
nothing to commit, working tree clean

> git pull
Updating bdf7163..b389109
Fast-forward
 MeuArquivo.txt | 4 +++-
 1 file changed, 3 insertions(+), 1 deletion(-)

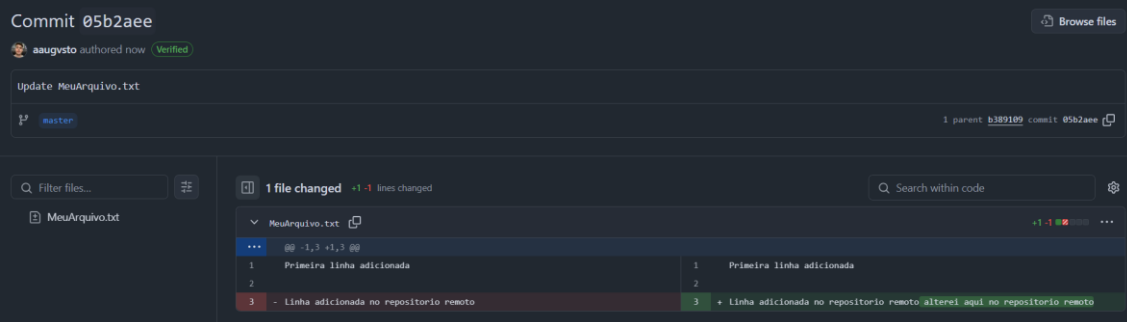
4.973s > git status
On branch master
Your branch is up to date with 'origin/master'.

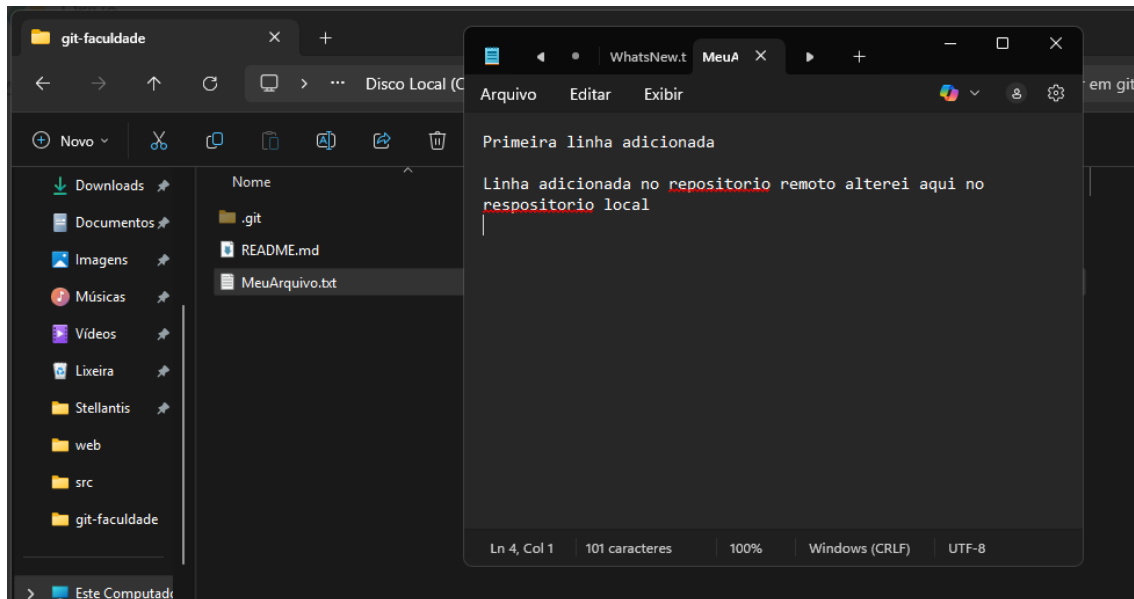
nothing to commit, working tree clean

> |
```



Exercicio 6 – Realizar alteração no repositório remoto e local e realizar o git pull para resolver o conflito





```
> git status
On branch master
Your branch is behind 'origin/master' by 1 commit, and can be fast-forwarded.
(use "git pull" to update your local branch)

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:   MeuArquivo.txt

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

4.948s > git add MeuArquivo.txt

4.948s > git status
On branch master
Your branch is behind 'origin/master' by 1 commit, and can be fast-forwarded.
(use "git pull" to update your local branch)

Changes to be committed:
  (use "git restore --staged <file> ..." to unstage)
    modified:   MeuArquivo.txt

4.948s > git pull
Updating b389109..05b2aee
error: Your local changes to the following files would be overwritten by merge:
   MeuArquivo.txt
Please commit your changes or stash them before you merge.
Aborting

4.948s > git commit -m "alteração arquivo de texto"
[master c0f84e3] alteração arquivo de texto
1 file changed, 1 insertion(+), 1 deletion(-)

275ms > git pull
Auto-merging MeuArquivo.txt
CONFLICT (content): Merge conflict in MeuArquivo.txt
Automatic merge failed; fix conflicts and then commit the result.

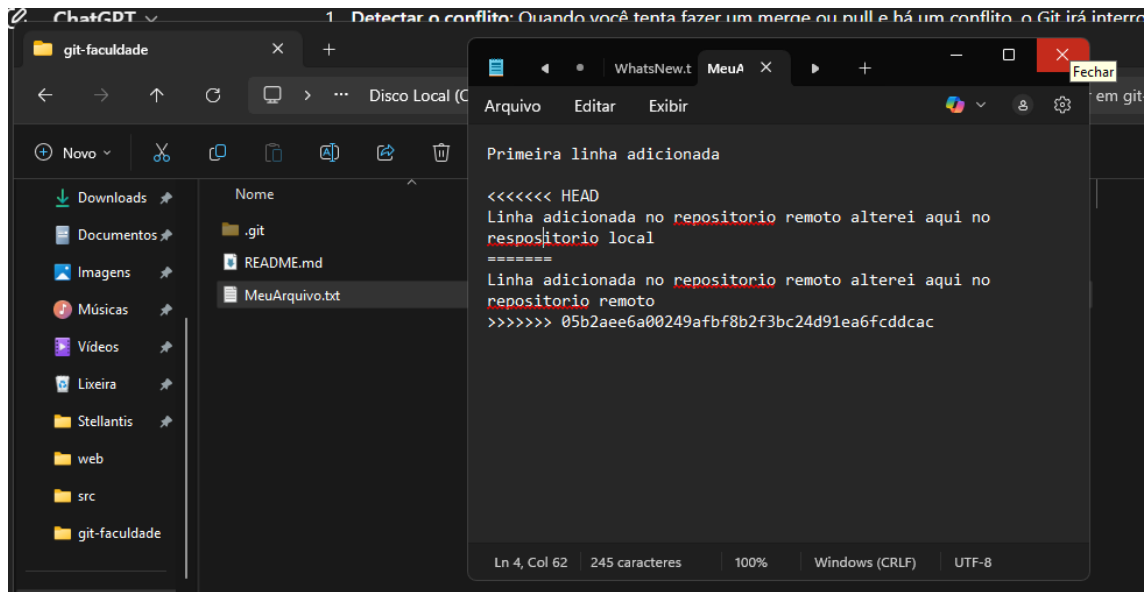
4.827s > git status
On branch master
Your branch and 'origin/master' have diverged,
and have 1 and 1 different commits each, respectively.
(use "git pull" if you want to integrate the remote branch with yours)

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file> ..." to mark resolution)
    both modified:   MeuArquivo.txt

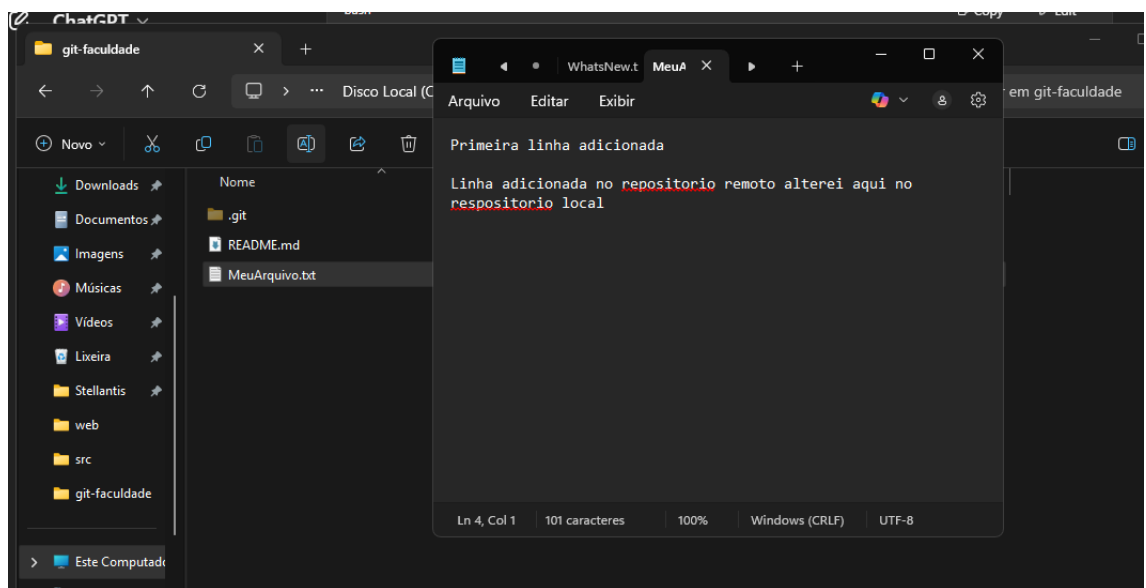
no changes added to commit (use "git add" and/or "git commit -a")

> |
```



git checkout --ours <arquivo> mantem as alterações locais

git checkout --theirs <arquivo> mantem alterações remotas



```

Unmerged paths:
  (use "git add <file> ..." to mark resolution)
    both modified:   MeuArquivo.txt

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

> git checkout --ours MeuArquivo.txt
Updated 1 path from the index

> git add MeuArquivo.txt

> git status
On branch master
Your branch and 'origin/master' have diverged,
and have 1 and 1 different commits each, respectively.
  (use "git pull" if you want to integrate the remote branch with yours)

All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

> git pull
error: You have not concluded your merge (MERGE_HEAD exists).
hint: Please, commit your changes before merging.
fatal: Exiting because of unfinished merge.

> git status
On branch master
Your branch and 'origin/master' have diverged,
and have 1 and 1 different commits each, respectively.
  (use "git pull" if you want to integrate the remote branch with yours)

All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

> git commit -m "resolvendo conflito local"
[master 1ddb1d1] resolvendo conflito local

235ms > git push
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 487 bytes | 487.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To github.com:aaugvsto/aula-git-github.git
   05b2aee..1ddb1d1  master -> master

4.895s > |

```

The screenshot shows the GitHub web interface for the repository `aaugvsto / aula-git-github`. The `Code` tab is selected, displaying the file `MeuArquivo.txt`. The commit history shows a commit by `aaugvsto` titled "alteração arquivo de texto" (text file change) with commit hash `c0b4e3`, made 9 minutes ago. The file content is displayed with line numbers 1 to 3:

```

1  Primeira linha adicionada
2
3  Linha adicionada no repositório remoto alterei aqui no repositório local

```

The interface includes a sidebar with the file explorer showing `MeuArquivo.txt` and `README.md` under the `master` branch. The top navigation bar includes links for `Code`, `Issues`, `Pull requests`, `Actions`, `Projects`, `Security`, `Insights`, and `Settings`.