

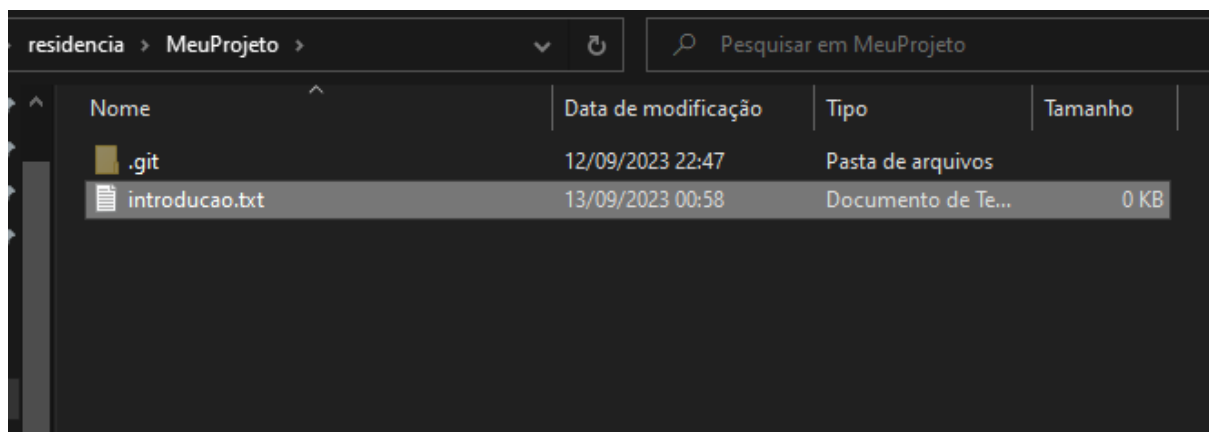
Nome: Valber Francisco dos Santos.

Configurando o git:

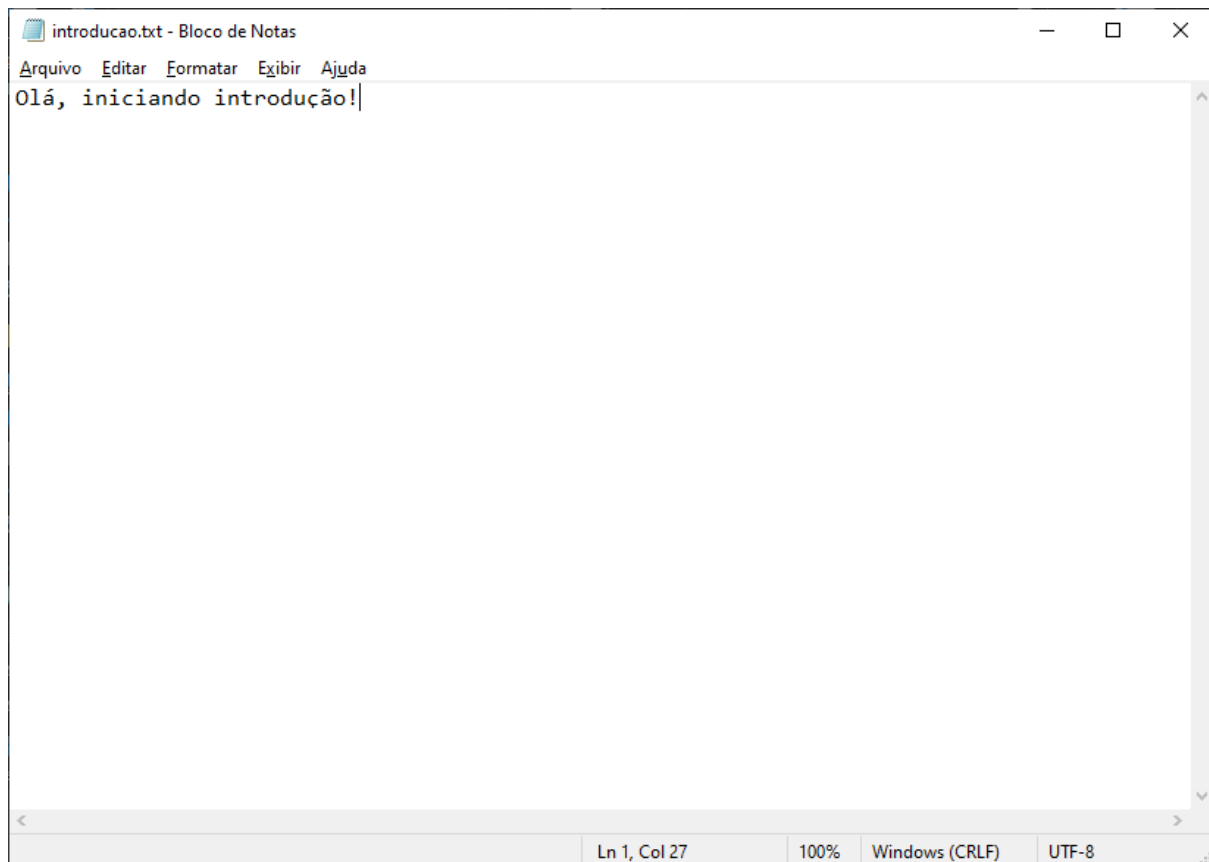
```
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager-core
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.email=valberxdd@gmail.com
user.name=ValberFr
user.username=ValberFr
core.repositoryformatversion=0
:
```

CONFIGURADO

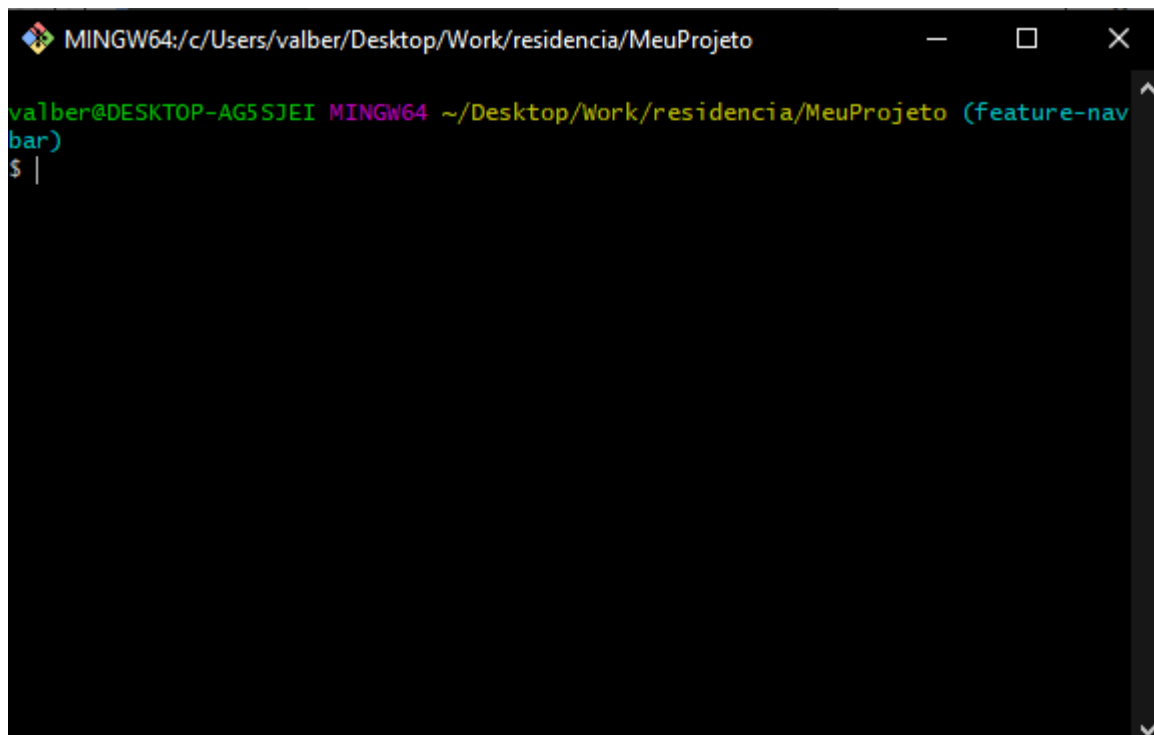
Iniciando repositório:



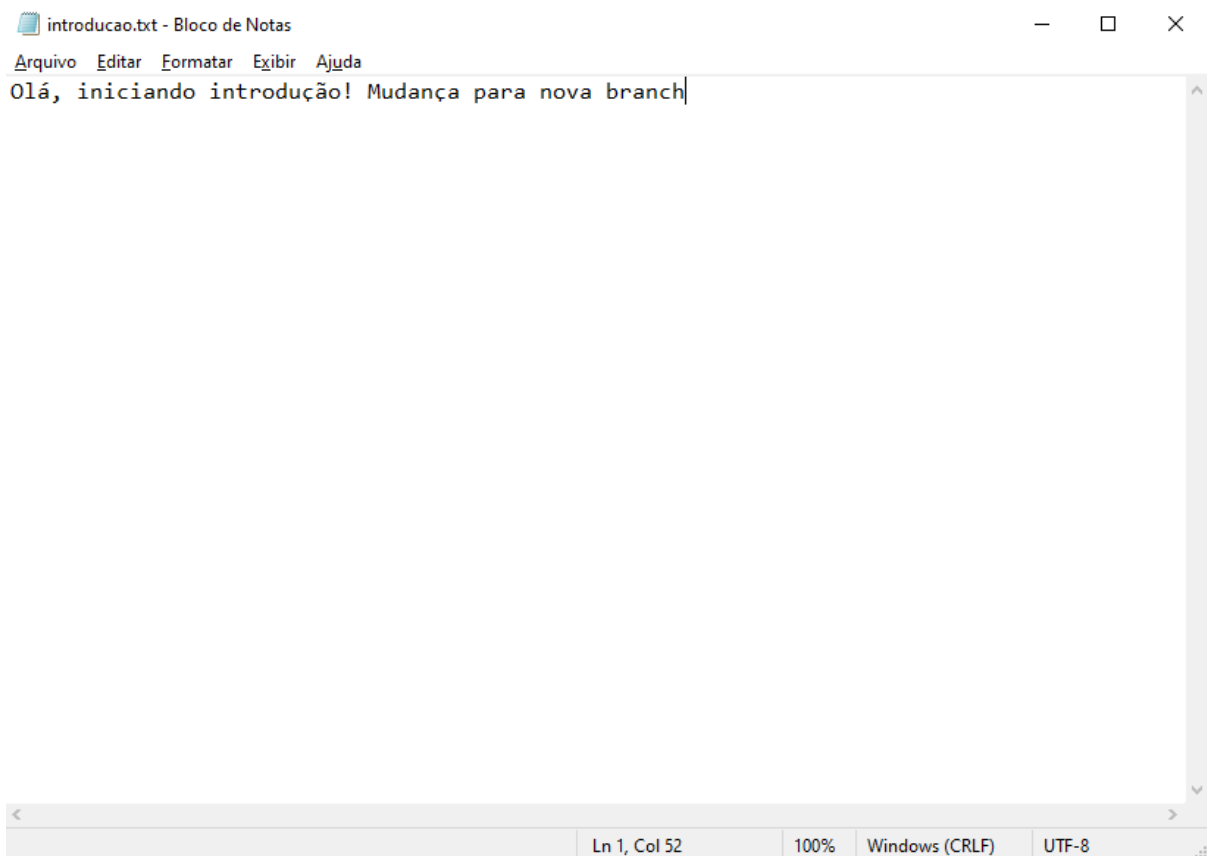
Adicionando conteúdo introducao.txt:



Criando nova branch:



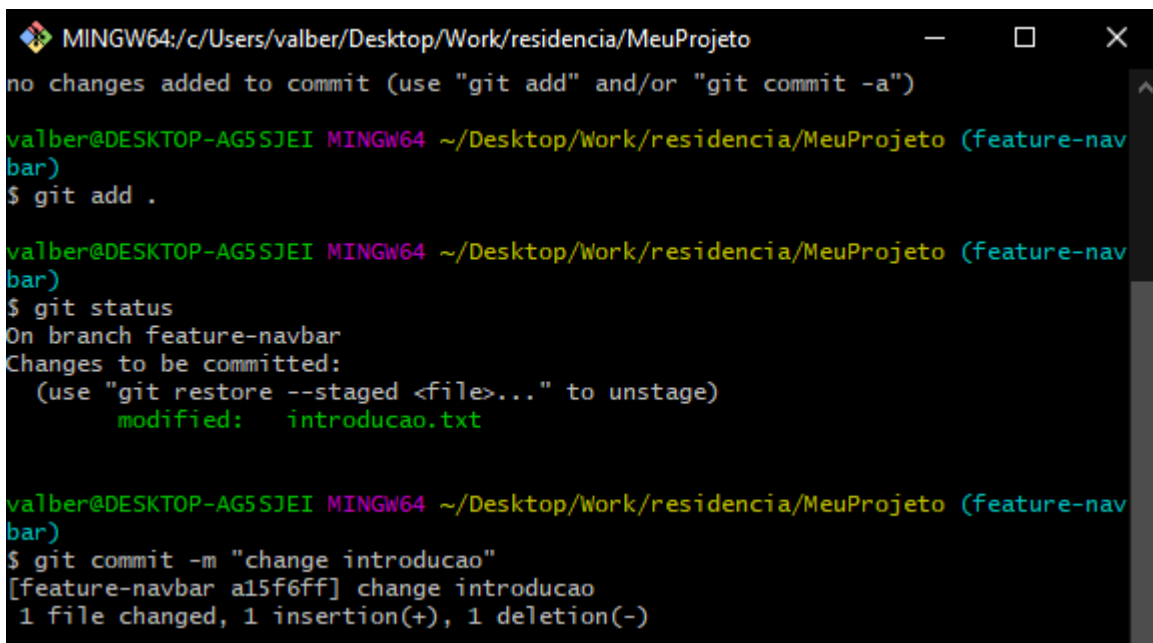
Alterando conteúdo do arquivo introducao.txt:



A screenshot of a Windows Notepad application window titled 'introducao.txt - Bloco de Notas'. The window has a menu bar with 'Arquivo', 'Editar', 'Formatar', 'Exibir', and 'Ajuda'. The text area contains the line 'Olá, iniciando introdução! Mudança para nova branch'. The status bar at the bottom shows 'Ln 1, Col 52', '100%', 'Windows (CRLF)', and 'UTF-8'.

```
introducao.txt - Bloco de Notas
Arquivo  Editar  Formatar  Exibir  Ajuda
Olá, iniciando introdução! Mudança para nova branch
Ln 1, Col 52 | 100% | Windows (CRLF) | UTF-8
```

Commitando alteração:



A screenshot of a Windows terminal window with a black background and white text. The window title is 'MINGW64:/c/Users/valber/Desktop/Work/residencia/MeuProjeto'. The terminal shows the following commands and output:

```
MINGW64:/c/Users/valber/Desktop/Work/residencia/MeuProjeto
no changes added to commit (use "git add" and/or "git commit -a")

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git add .

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git status
On branch feature-navbar
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   introducao.txt

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git commit -m "change introducao"
[feature-navbar a15f6ff] change introducao
1 file changed, 1 insertion(+), 1 deletion(-)
```

Voltando para master:

```
MINGW64:/c/Users/valber/Desktop/Work/residencia/MeuProjeto
$ git add .

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git status
On branch feature-navbar
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   introducao.txt

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git commit -m "change introducao"
[feature-navbar a15f6ff] change introducao
1 file changed, 1 insertion(+), 1 deletion(-)

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git checkout master
Switched to branch 'master'

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (master)
$
```

Arquivo se mantém inalterado:

```
introducao.txt - Bloco de Notas
Arquivo  Editar  Formatar  Exibir  Ajuda
Olá, iniciando introdução!
```

Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8

Fazendo merge para atualizar a master com a alteração feita na branch:

```
MINGW64:/c/Users/valber/Desktop/Work/residencia/MeuProjeto
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git commit -m "change introducao"
[feature-navbar a15f6ff] change introducao
1 file changed, 1 insertion(+), 1 deletion(-)

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git checkout master
Switched to branch 'master'

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (master)
$ git merge
merge
mergetool

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (master)
$ git merge feature-navbar
Updating 041ef5e..a15f6ff
Fast-forward
 introducao.txt | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (master)
$
```

```
MINGW64:/c/Users/valber/Desktop/Work/residencia/MeuProjeto
no changes added to commit (use "git add" and/or "git commit -a")
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git add .
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git status
On branch feature-navbar
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   introducao.txt

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git commit -m "change introducao"
[feature-navbar a15f6ff] change introducao
1 file changed, 1 insertion(+), 1 deletion(-)

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (feature-navbar)
$ git checkout master
Switched to branch 'master'

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (master)
$ git merge
merge
mergetool

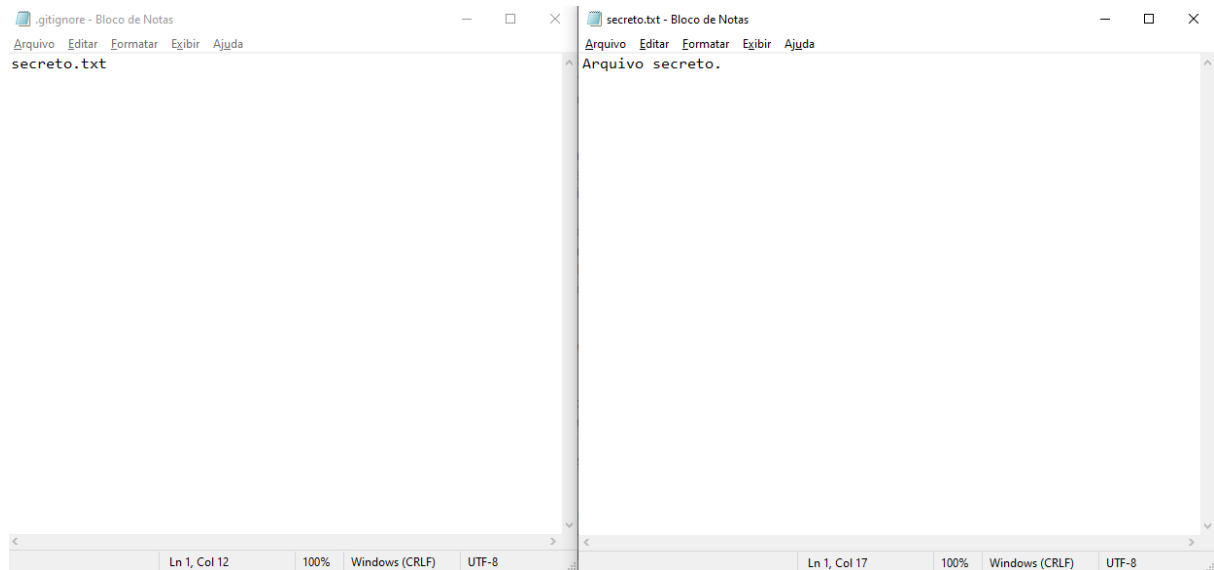
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (master)
$ git merge feature-navbar
Updating 041ef5e..a15f6ff
Fast-forward
 introducao.txt | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (master)
$
```

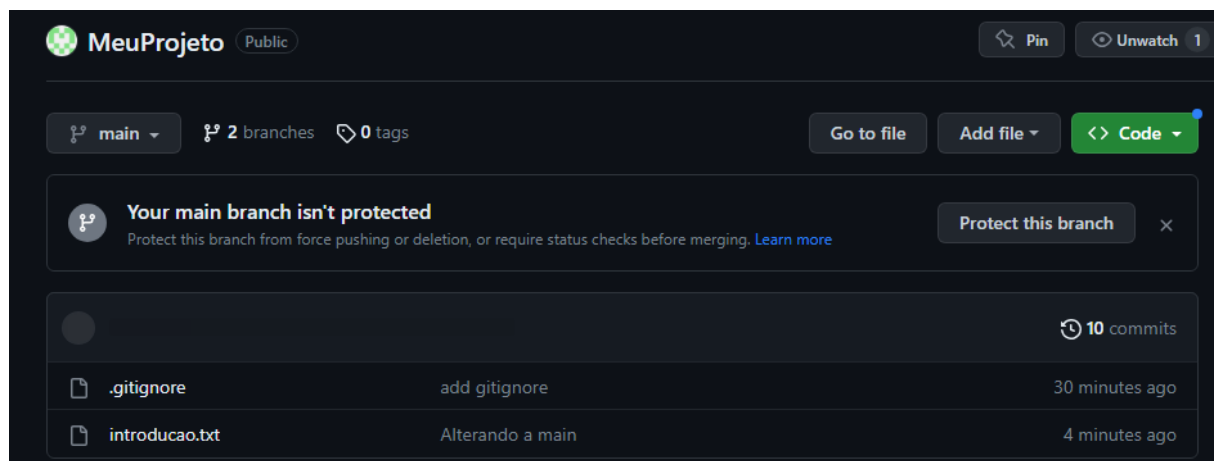
```
introducao.txt - Bloco de Notas
Arquivo  Editar  Formatar  Exibir  Ajuda
Olá, iniciando introdução! Mudança para nova branch

Ln 1, Col 52    100%  Windows (CRLF)  UTF-8
```

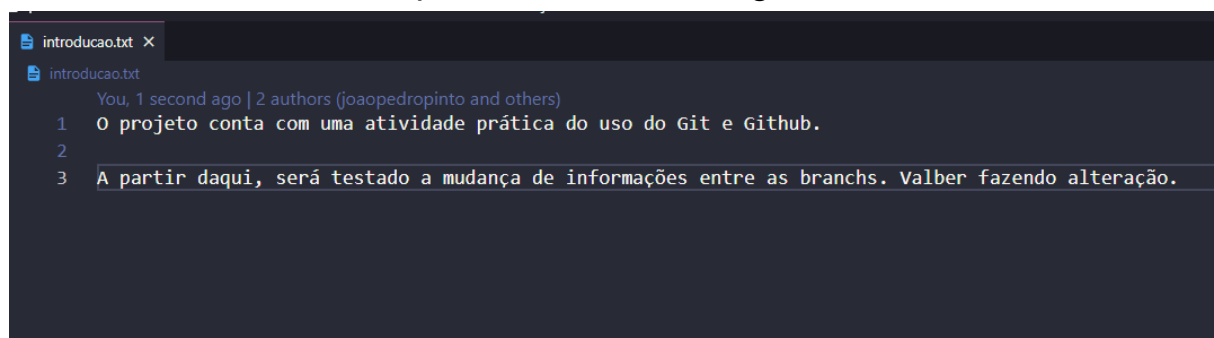
## Criando .gitignore e o arquivo secreto.txt:



## Repositório adicionado ao Github:



## Alterando a branch do repositório de um colega:



```
valber@DESKTOP-AG55SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (branch_valber)
$ git add .

valber@DESKTOP-AG55SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (branch_valber)
$ git commit -m "alteracao na minha branch"
[branch_valber be8d34a] alteracao na minha branch
1 file changed, 1 insertion(+), 1 deletion(-)

valber@DESKTOP-AG55SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (branch_valber)
$ git push
fatal: The current branch branch_valber has no upstream branch.
To push the current branch and set the remote as upstream, use


    git push --set-upstream origin branch_valber


valber@DESKTOP-AG55SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (branch_valber)
$ git push --set-upstream origin branch_valber
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 6 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 344 bytes | 344.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'branch_valber' on GitHub by visiting:
remote:   https://github.com/joaopedropinto/MeuProjeto/pull/new/branch_valber
remote:
To https://github.com/joaopedropinto/MeuProjeto.git
 * [new branch]      branch_valber -> branch_valber
branch 'branch_valber' set up to track 'origin/branch_valber'.
```

Fazendo Pull request para a fazer o merge na master:


## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

 base: master

 compare: branch\_valber

✓ Able to merge. These branches can be automatically merged.




alteracao na minha branch

Write

Preview

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Leave a comment

Attach files by dragging & dropping, selecting or pasting them. 

Create pull request



Fazendo uma alteração que gere conflito:

```
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (master)
$ git push
To https://github.com/joaopedropinto/MeuProjeto.git
! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/joaopedropinto/MeuProjeto.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
```

Resolvendo conflito:

```
O projeto conta com uma atividade prática do uso do Git e Github.

A partir daqui, será testado a mudança de informações entre as branches. Valber fazendo alteração.
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
<<<<<< HEAD (Current Change)
Alteração do proprietário. Tentando alterar o arquivo
=====
Alteração do proprietário. Nova alteração.
>>>>>> 931ff40ec5669fc90863677d560191ed8723cd0d (Incoming Change)

You, 1 second ago | 2 authors (joaopedropinto and others)
O projeto conta com uma atividade prática do uso do Git e Github.

A partir daqui, será testado a mudança de informações entre as branches. Valber fazendo alteração.
Alteração do proprietário. Nova alteração.
```

```
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (master|MERGING)
$
```



```

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (master|MERGING)
$ git add .

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (master|MERGING)
$ git commit -m "tentando alterar novamente"
[master 030fa1b] tentando alterar novamente

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/joao/MeuProjeto (master)
$ git push
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 6 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 681 bytes | 681.00 KiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/joaopedropinto/MeuProjeto.git
 931ff40..030fa1b master -> master

```

Utilizando git log para visualizar os commits:

```

valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (main)
$ git log
commit 41cb8789a624719dc7d18ba9d554360ba6cf0c6d (HEAD -> main, origin/main)
Merge: f9ce8a5 351605e
Author: joaopedropinto <jpcic07@gmail.com>
Date:   Wed Sep 13 10:44:30 2023 -0300

    Alterando a main

commit f9ce8a5d99c3b69b2384994f31f6f9da5caba656
Author: joaopedropinto <jpcic07@gmail.com>
Date:   Wed Sep 13 10:41:46 2023 -0300

    Alterando a main
...skipping...
commit 41cb8789a624719dc7d18ba9d554360ba6cf0c6d (HEAD -> main, origin/main)
Merge: f9ce8a5 351605e
Author: joaopedropinto <jpcic07@gmail.com>
Date:   Wed Sep 13 10:44:30 2023 -0300

    Alterando a main

commit f9ce8a5d99c3b69b2384994f31f6f9da5caba656
Author: joaopedropinto <jpcic07@gmail.com>
Date:   Wed Sep 13 10:41:46 2023 -0300

    Alterando a main

commit 351605ef5fc938621ba943336ddedd39588dd0a0
Author: ValberFr <walberxdd@gmail.com>
Date:   Wed Sep 13 10:40:50 2023 -0300

    changes to merge

commit eb138c35c6e5e963b2e533112fdaaff5d0bb908d
Merge: 6ebf8e8 74cd52d
Author: ValberFr <143513885+ValberFr@users.noreply.github.com>
Date:   Wed Sep 13 10:38:01 2023 -0300

    Merge pull request #1 from ValberFr/branch-joao
...skipping...
commit 41cb8789a624719dc7d18ba9d554360ba6cf0c6d (HEAD -> main, origin/main)
Merge: f9ce8a5 351605e
Author: joaopedropinto <jpcic07@gmail.com>
Date:   Wed Sep 13 10:44:30 2023 -0300

    Alterando a main

```

Revertendo commit:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  GITLENS  JUPYTER  COMMENTS

Revert "removendo alteracao"

This reverts commit 97d9683103c868550fa646b1572bc162fe9c5765.

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch main
# Your branch is ahead of 'origin/main' by 3 commits.
#   (use "git push" to publish your local commits)
#
# Changes to be committed:
#   modified:   introducao.txt
#
~
~
```

Usando tag para criar versão 1.0:

```
You, 14 seconds ago | 2 authors (You and others)
1 Olá, iniciando introdução! Mudança para nova branch.
2 Joao esteve aqui. Tentando fazer alteração mais uma vez You, ne

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  GITLENS  JUPYTER  COMMENTS

valber@DESKTOP-AG5SJJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (main)
$ git tag -a v1.0 -m "versao 1.0"

valber@DESKTOP-AG5SJJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (main)
$ git tag
v1.0

valber@DESKTOP-AG5SJJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (main)
$
```

## Usando tag para criar versão 2.0

```
You, now | 2 authors (You and others)  
1 Olá, iniciando introdução! Mudança para nova branch.  
2 Joao esteve aqui. Tentando fazer alteração mais uma vez.  
3 Indo para versao 2.0 You, now • Uncommitted changes
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS JUPYTER COMMENTS

```
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (main)  
$ git tag -a v2.0 -m "versao 2.0"
```

```
valber@DESKTOP-AG5SJEI MINGW64 ~/Desktop/Work/residencia/MeuProjeto (main)  
$ git tag  
v1.0  
v2.0
```