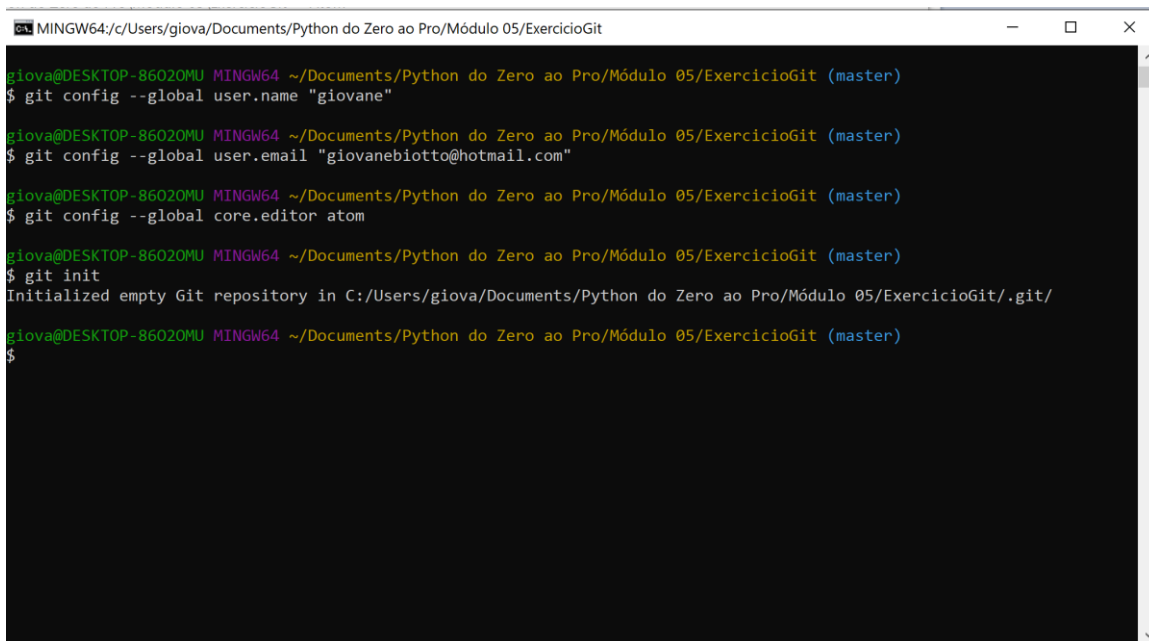


Criado a pasta "ExercicioGit", inicializado um repositório Git com as devidas configurações de usuário e editor de texto para Atom.



```
MINGW64/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git config --global user.name "giovine"

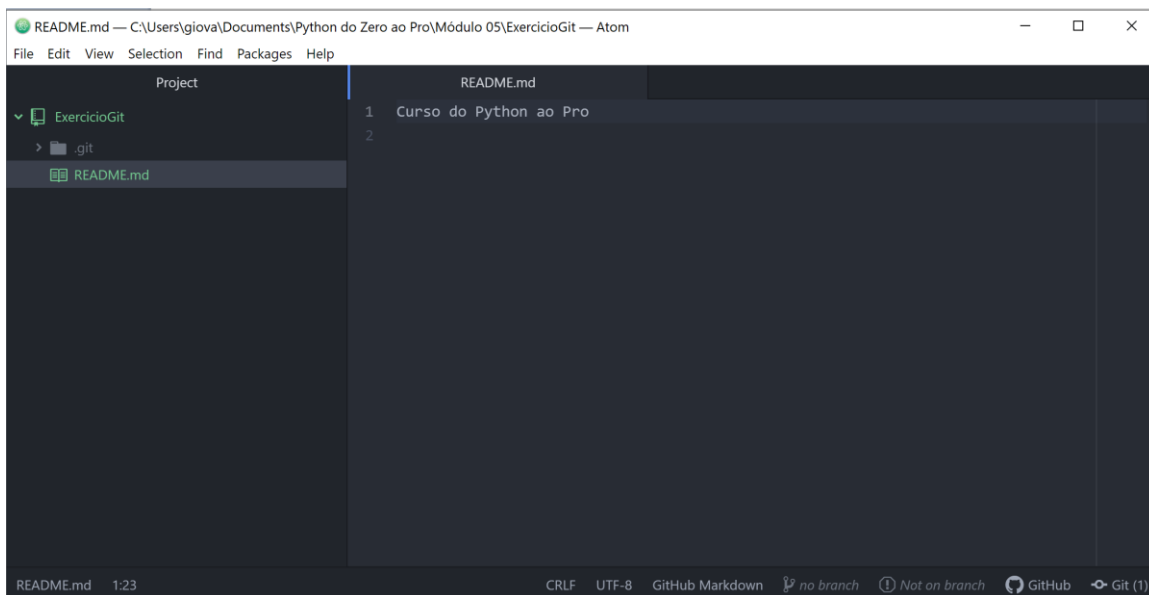
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git config --global user.email "giovanebiotto@hotmail.com"

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git config --global core.editor atom

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git init
Initialized empty Git repository in C:/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit/.git/

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$
```

Criado um arquivo "README.md" e adicionado um conteúdo.



Realizado o commit das alterações e verificado o *status* das mudanças.

```
MINGW64/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git add "README.md"

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git commit -m "Commit inicial do README.md"
[master (root-commit) 2b9d322] Commit inicial do README.md
1 file changed, 1 insertion(+)
create mode 100644 README.md

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git status
On branch master
nothing to commit, working tree clean

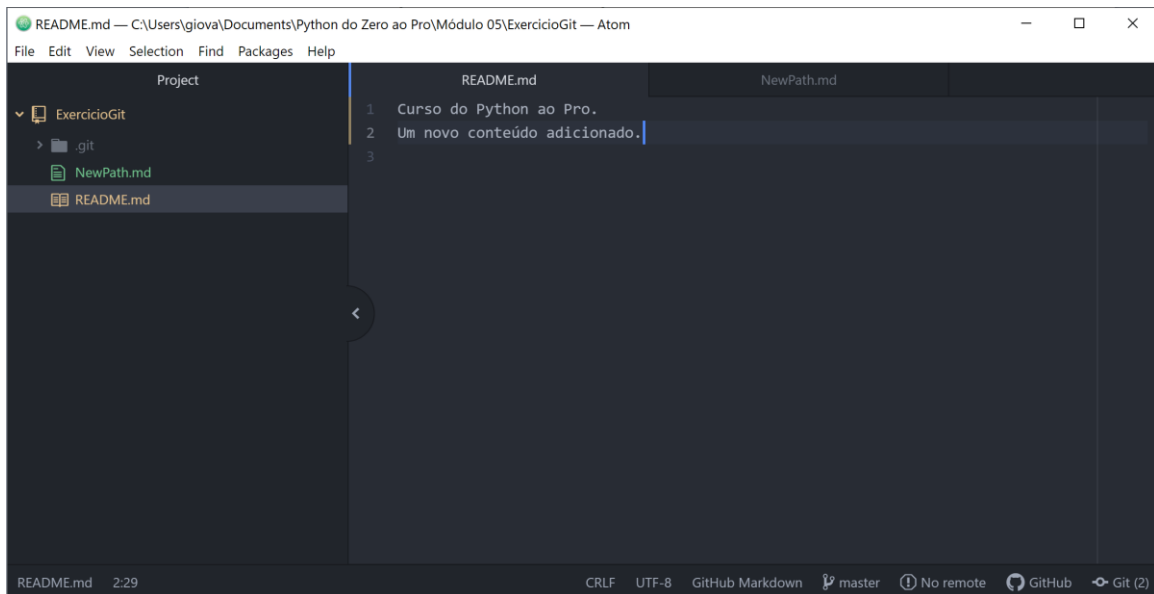
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$
```

Criado uma Branch "develop" e movido para a mesma.

```
MINGW64/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git checkout -b develop
Switched to a new branch 'develop'

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$
```

Alterado o conteúdo do README.md e adicionado outro arquivo ao repositório.



Status atual da branch "develop".

```
MINGW64/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git status
On branch develop
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:   README.md

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

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

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$
```

Realizado o commit verificado o status.

```
MINGW64/c:/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git add README.md

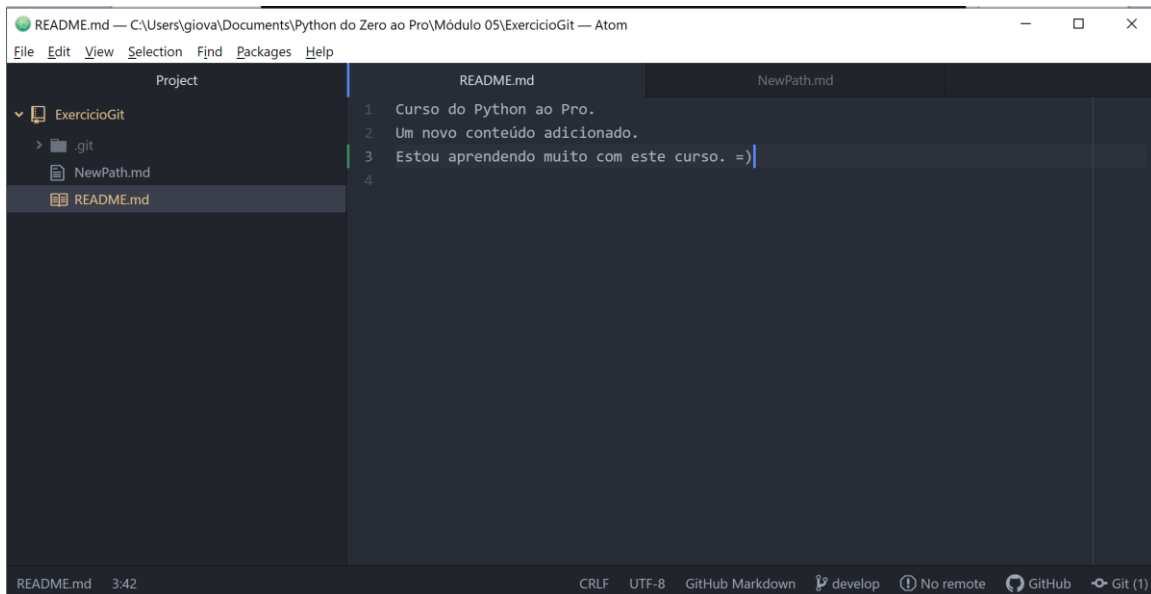
giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git add NewPath.md

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git commit -m "Segundo commit: alterado README.md e criado NewPath.md"
[develop c046ce3] Segundo commit: alterado README.md e criado NewPath.md
 2 files changed, 1 insertion(+)
 create mode 100644 NewPath.md

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git status
On branch develop
nothing to commit, working tree clean

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$
```

Feito uma nova alteração no arquivo README.md.



Commitada as alterações e verificado o status.

```
MINGW64/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git add README.md

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git commit -m "Alterado conteudo novamente de README.md"
[develop 6dd6c6b] Alterado conteudo novamente de README.md
1 file changed, 1 insertion(+)

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git status
On branch develop
nothing to commit, working tree clean

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$
```

Alterado a branch para master e realizada a mesclagem nas branches "develop" e "master".  
Verificado as alterações da branch develop no comando "git log"

```
MINGW64/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git checkout master
Switched to branch 'master'

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git merge develop
Updating 6b4ba23..6dd6c6b
Fast-forward
 NewPath.md | 0
 README.md  | 2 ++
 2 files changed, 2 insertions(+)
 create mode 100644 NewPath.md

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git log
commit 6dd6c6b0e556e163e9262460e791ed9bf31f0f69 (HEAD -> master, develop)
Author: giovane <giovanebiotto@hotmail.com>
Date: Sun Apr 11 17:11:28 2021 -0300

    Alterado conteudo novamente de README.md

commit c046ce3e19ce940a751621db17f704d421bdd6e8
Author: giovane <giovanebiotto@hotmail.com>
Date: Sun Apr 11 17:06:22 2021 -0300

    Segundo commit: alterado README.md e criado NewPath.md

commit 6b4ba23d2e6cb4835dcf65331a4330fc13f44ea5
Author: giovane <giovanebiotto@hotmail.com>
Date: Sun Apr 11 16:57:30 2021 -0300

    Commit inicial do README.md

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$
```

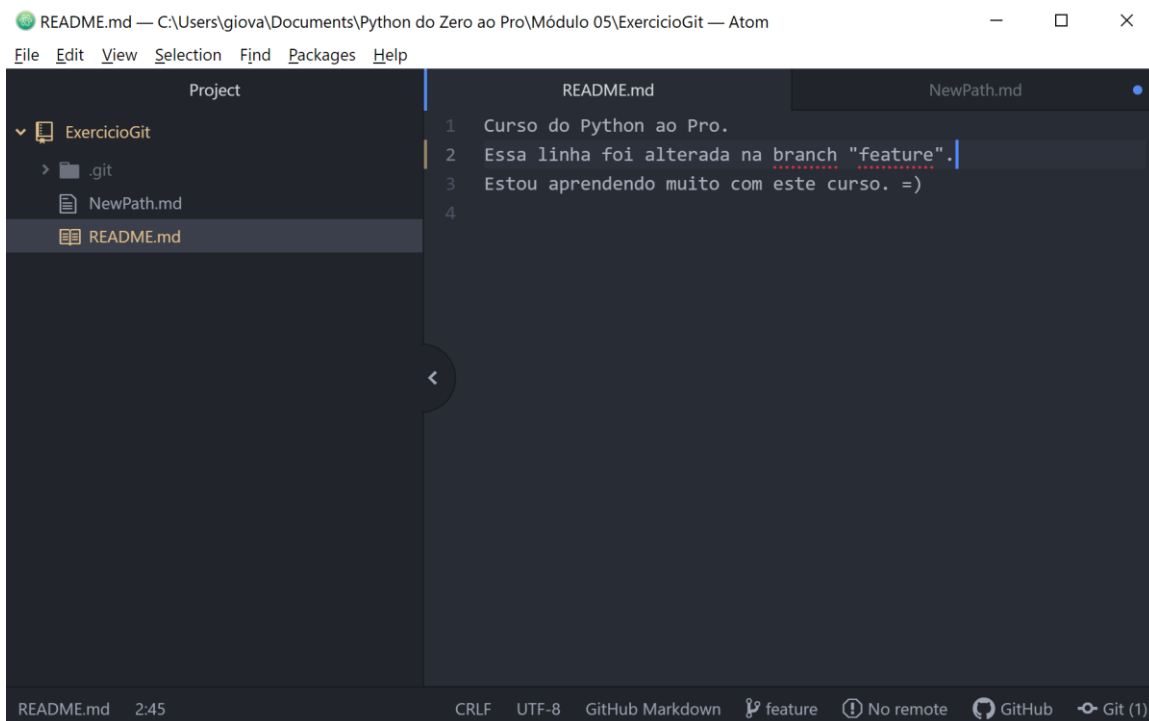
Movido novamente para a brach "develop" e criado uma nova branch "feature".

```
MINGW64:/c:/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git checkout develop
Switched to branch 'develop'

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git checkout -b feature
Switched to a new branch 'feature'

giova@DESKTOP-8602OMU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (feature)
$
```

Alterada uma linha no arquivo README.md.



```
README.md — C:\Users\giova\Documents\Python do Zero ao Pro\Módulo 05\ExercicioGit — Atom
File Edit View Selection Find Packages Help

Project
└─ ExercicioGit
   └─ .git
       └─ NewPath.md
           └─ README.md

README.md
1 Curso do Python ao Pro.
2 Essa linha foi alterada na branch "feature".
3 Estou aprendendo muito com este curso. =>
4

README.md 2:45 CRLF UTF-8 GitHub Markdown feature No remote GitHub Git (1)
```

Realido o commit na branch "feature" no arquivo README.md.

```
MINGW64:/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (feature)
$ git add README.md

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (feature)
$ git commit -m "Commit branch feature > README.md"
[feature 5815924] Commit branch feature > README.md
1 file changed, 1 insertion(+), 1 deletion(-)

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (feature)
$
```

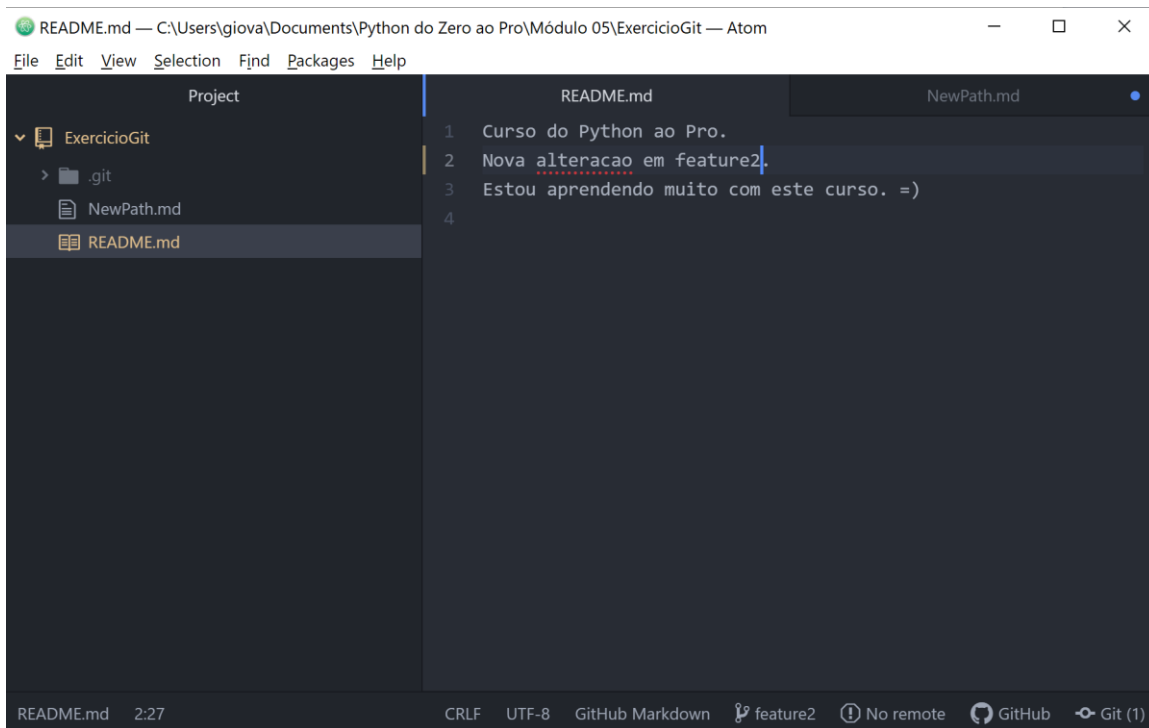
Movido para a branch "develop" e criado uma nova branch "feature2".

```
MINGW64:/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (feature)
$ git checkout develop
Switched to branch 'develop'

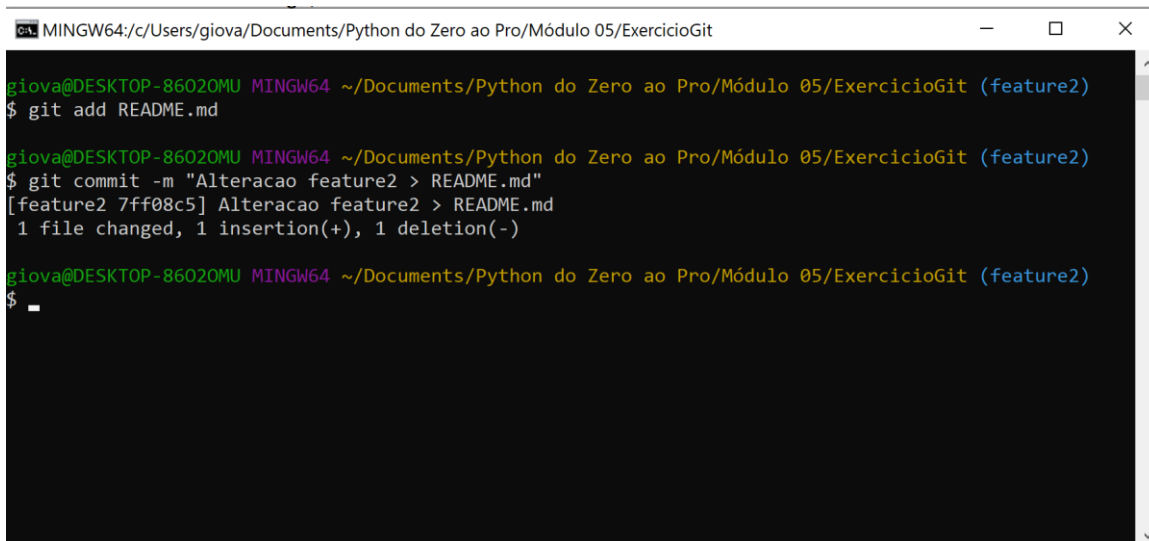
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git checkout -b feature2
Switched to a new branch 'feature2'

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (feature2)
$
```

Alterada a mesma linha da branch "feature" com um novo conteúdo na branch "feature2".



Realizado commit na feature2.



Movido para a branch develop e realizado a merge em "feature" e "feature2", gerando um conflito e tratando logo em seguida.



```
MINGW64:/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (feature2)
$ git checkout develop
Switched to branch 'develop'

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git merge feature
Updating 6dd6c6b..5815924
Fast-forward
 README.md | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git merge feature2
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop|MERGING)
$ git add README.md

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop|MERGING)
$ git commit -m "Conflict merge commit"
[develop b332d69] Conflict merge commit

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$
```

Movido para a branch master e realizado a merge com a branch develop.

```
MINGW64:/c/Users/giova/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit
giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (develop)
$ git checkout master
Switched to branch 'master'

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$ git merge develop
Updating 6dd6c6b..b332d69
Fast-forward
 README.md | 6 +++++-
 1 file changed, 5 insertions(+), 1 deletion(-)

giova@DESKTOP-86020MU MINGW64 ~/Documents/Python do Zero ao Pro/Módulo 05/ExercicioGit (master)
$
```