Módulo 5 GIT

1 – Inicializando um repositório git no computador
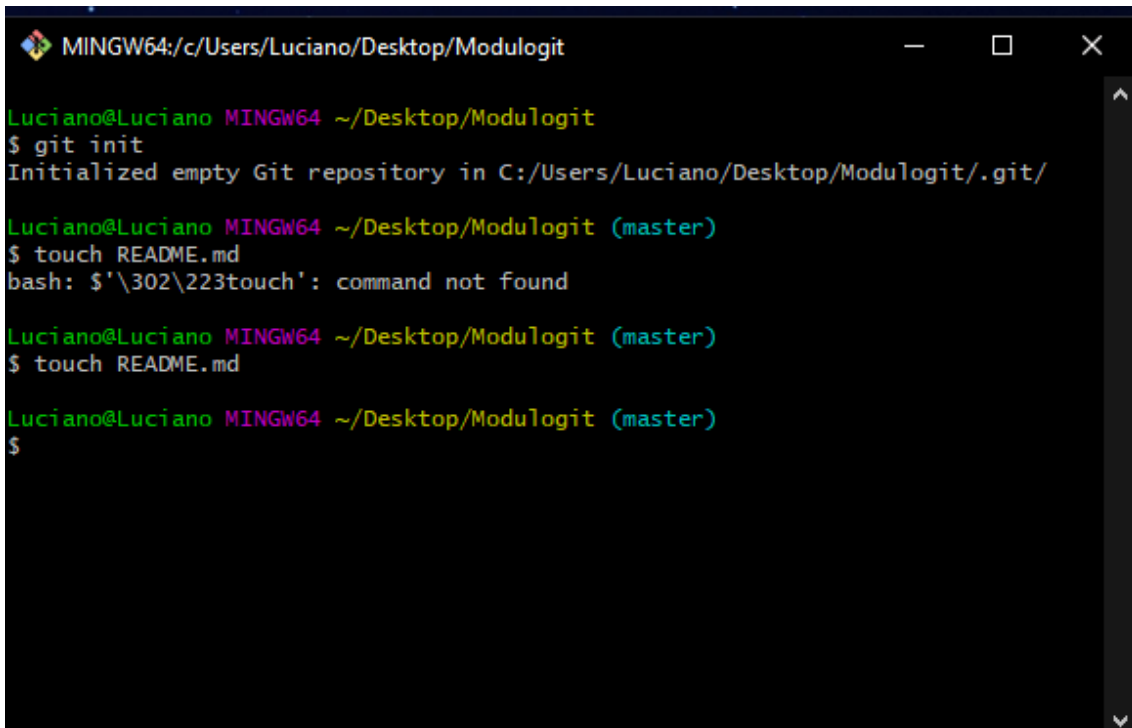

2 – Adicionando um arquivo README.md

3 – Adicionando um conteúdo no arquivo README.md

4 – Fazendo meu primeiro commit no Projeto
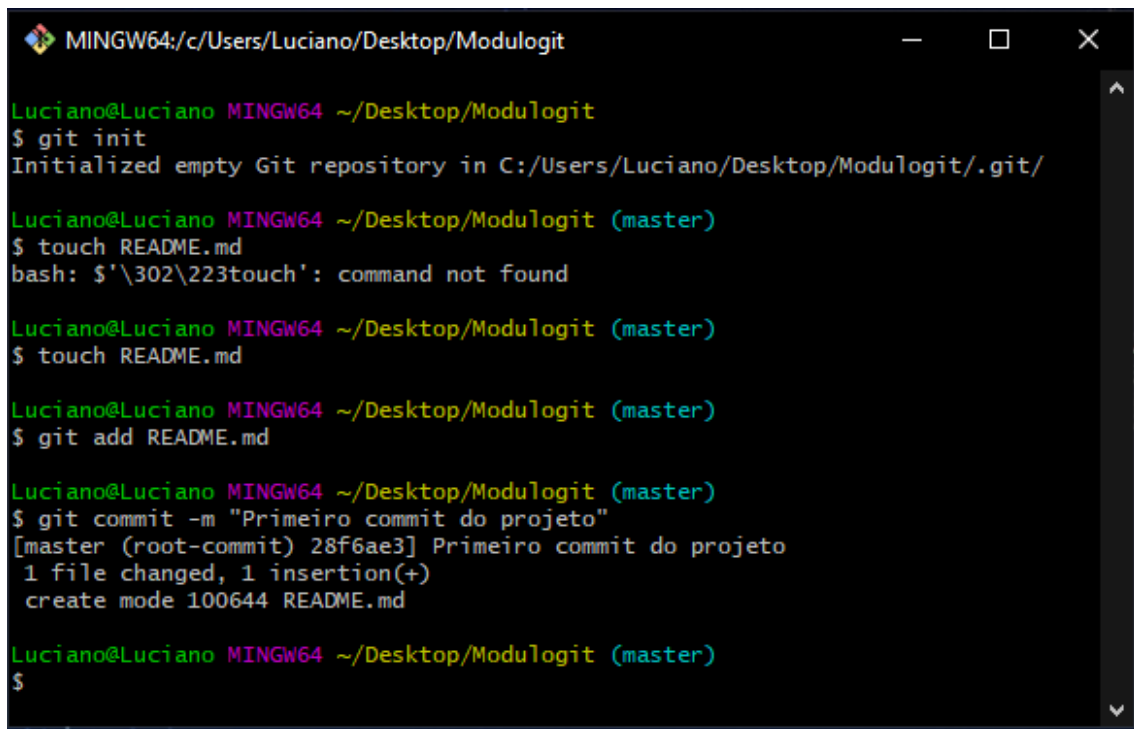
5 – Usando o git status

```
MINGW64:/c/Users/Luciano/Desktop/Modulogit                    —    □    ×

Luciano@Luciano MINGW64 ~/Desktop/Modulogit
$ git init
Initialized empty Git repository in C:/Users/Luciano/Desktop/Modulogit/.git/

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ touch README.md
bash: $'\302\223touch': command not found

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ touch README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git add README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git commit -m "Primeiro commit do projeto"
[master (root-commit) 28f6ae3] Primeiro commit do projeto
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git status
On branch master
nothing to commit, working tree clean

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$
```

6 – Criando branch develop

```
MINGW64:/c/Users/Luciano/Desktop/Modulogit                    —    □    ×

Luciano@Luciano MINGW64 ~/Desktop/Modulogit
$ git init
Initialized empty Git repository in C:/Users/Luciano/Desktop/Modulogit/.git/

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ touch README.md
bash: $'\302\223touch': command not found

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ touch README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git add README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git commit -m "Primeiro commit do projeto"
[master (root-commit) 28f6ae3] Primeiro commit do projeto
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git status
On branch master
nothing to commit, working tree clean

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git branch develop

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$
```
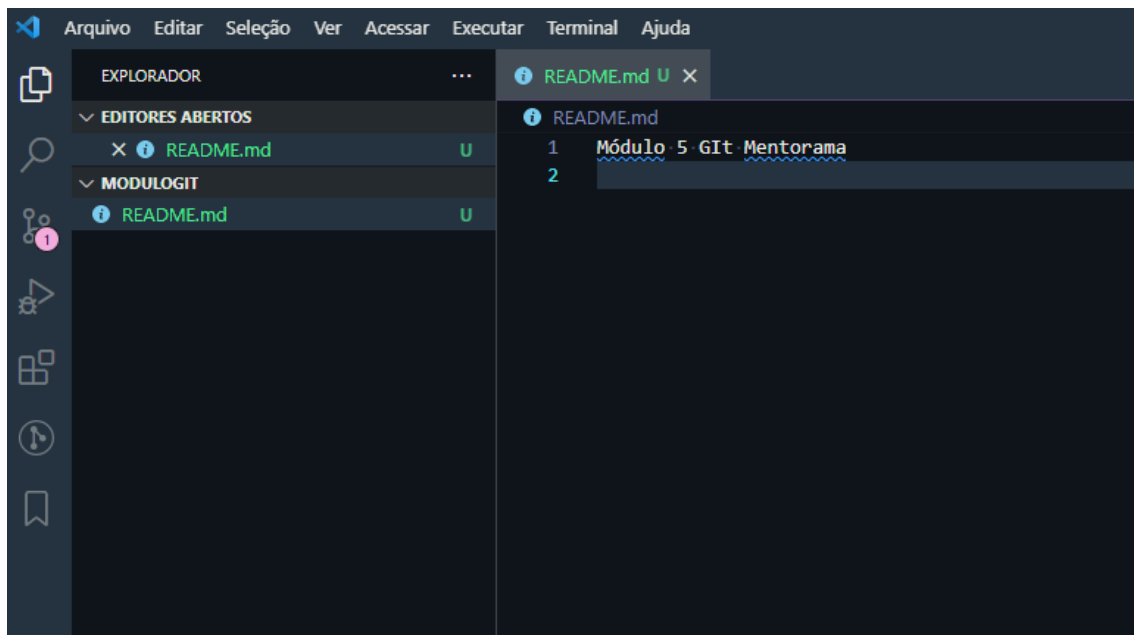
7 – Alterando o arquivo readme.md e adicionando outro arquivo na pasta

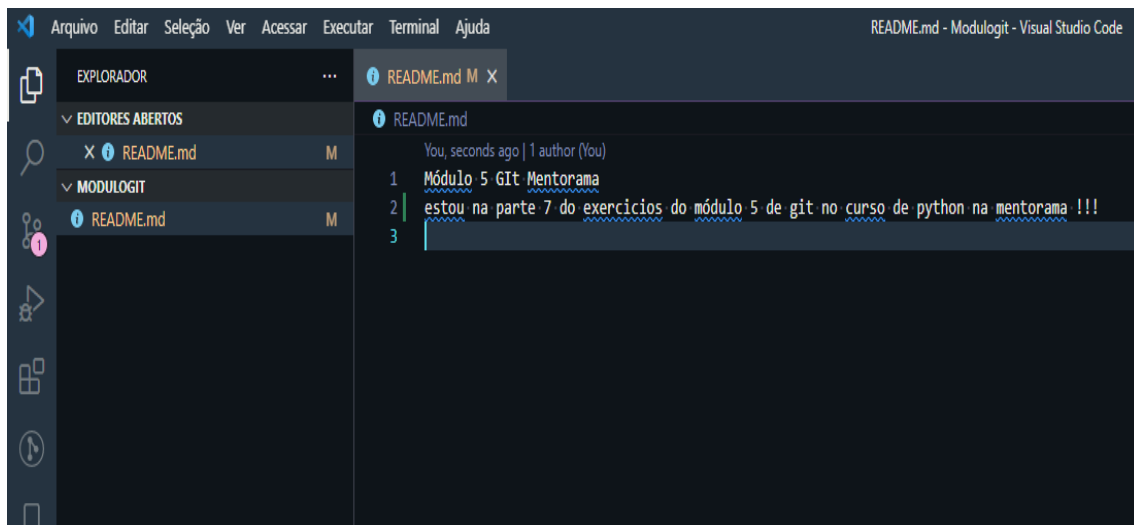## Criando outro arquivo meuprograma.py

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git commit -m "Primeiro commit do projeto"
[master (root-commit) 28f6ae3] Primeiro commit do projeto
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git status
On branch master
nothing to commit, working tree clean

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git branch develop

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ touch meuprograma.py

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$
```

8 – Verificando status novamente

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git status
On branch master
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)
        meuprograma.py

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

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$
```

9 – fazendo checkout e segundo commit

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git add README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git add meuprograma.py

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git commit -m "segundo commit do projeto"
[develop e9eab77] segundo commit do projeto
 2 files changed, 1 insertion(+)
 create mode 100644 meuprograma.py

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ |
```
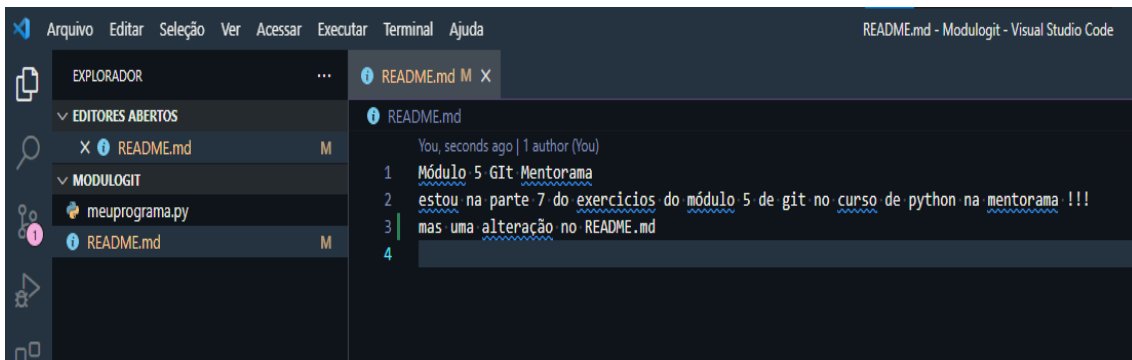
10 – certificando que tudas as alteração estão commitadas

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git status
On branch develop
nothing to commit, working tree clean

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$
```

11 – Outra alteração no README.md

```
Arquivo  Editar  Seleção  Ver  Acessar  Executar  Terminal  Ajuda                    README.md - Modulogit - Visual Studio Code

  EXPLORADOR                    ...        README.md M  X

  ∨ EDITORES ABERTOS                       README.md
        X  README.md          M              You, seconds ago | 1 author (You)
  ∨ MODULOGIT                              1   Módulo 5 GIt Mentorama
        meuprograma.py                     2   estou na parte 7 do exercicios do módulo 5 de git no curso de python na mentorama !!!
        README.md          M              3   mas uma alteração no README.md
                                          4
```

12 – commit na brach develop

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git add README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git commit -m " Terceiro commit "
[develop 3488b14]  Terceiro commit
 1 file changed, 1 insertion(+)

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$
```

13 – Mas um git status

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git status
On branch develop
nothing to commit, working tree clean

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$
```

14 – Fazendo uma merge da brach develop e master

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git checkout master
Switched to branch 'master'

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git merge develop master
Updating 28f6ae3..3488b14
Fast-forward
 README.md        | 2 ++
 meuprograma.py | 0
 2 files changed, 2 insertions(+)
 create mode 100644 meuprograma.py

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$
```

15 – usando o git log

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git log
commit 3488b14e42b7719a677e36d25b092413ae4becdd (HEAD -> master, develop)
Author: LucianoScalianteJunior <lucianoscaliante@gmail.com>
Date:   Mon Nov 1 23:13:20 2021 -0300

    Terceiro commit

commit e9eab775f609b67ed9ed4d4164a5528e6d70bf7f
Author: LucianoScalianteJunior <lucianoscaliante@gmail.com>
Date:   Mon Nov 1 23:08:29 2021 -0300

    segundo commit do projeto

commit 28f6ae3d0ca79ced0ac412455921c2cb59da2471
Author: LucianoScalianteJunior <lucianoscaliante@gmail.com>
Date:   Mon Nov 1 22:57:35 2021 -0300

    Primeiro commit do projeto

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ |
```
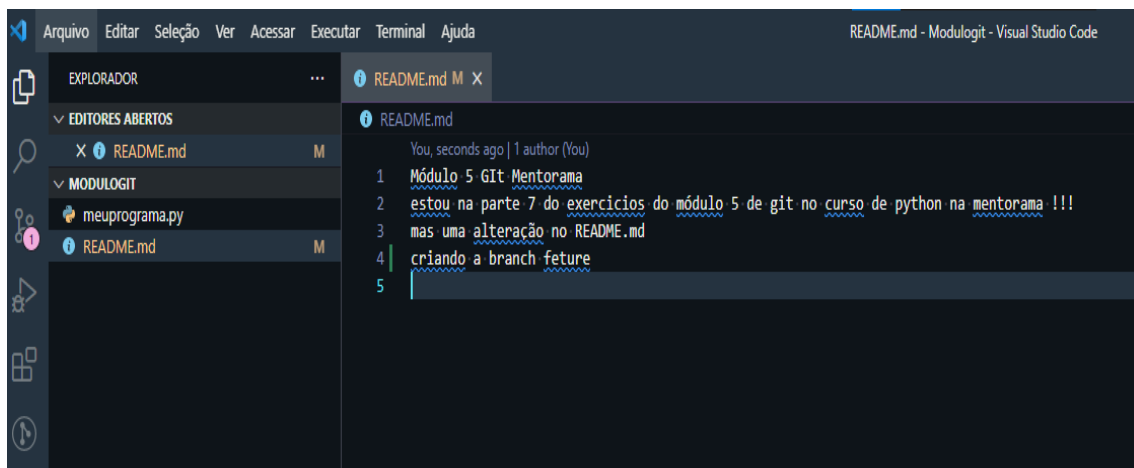
16 – indo para branch develop

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (master)
$ git checkout develop
Switched to branch 'develop'

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git branch feature

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$
```

17 – alterando novamento o README.md

```
Arquivo  Editar  Seleção  Ver  Acessar  Executar  Terminal  Ajuda          README.md - Modulogit - Visual Studio Code

EXPLORADOR                    ...       README.md M X
∨ EDITORES ABERTOS                        README.md
    X  README.md           M              You, seconds ago | 1 author (You)
∨ MODULOGIT                          1    Módulo 5 GIt Mentorama
  meuprograma.py                     2    estou na parte 7 do exercicios do módulo 5 de git no curso de python na mentorama !!!
  README.md               M          3    mas uma alteração no README.md
                                      4    criando a branch feture
                                      5
```

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git checkout feature
Switched to branch 'feature'
M       README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature)
$ git add README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature)
$ git commit -m "Quarto commit"
[feature cc946a0] Quarto commit
 1 file changed, 1 insertion(+)

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature)
$
```
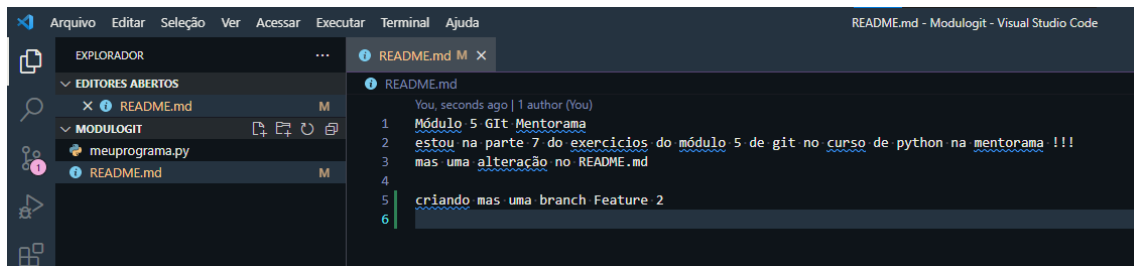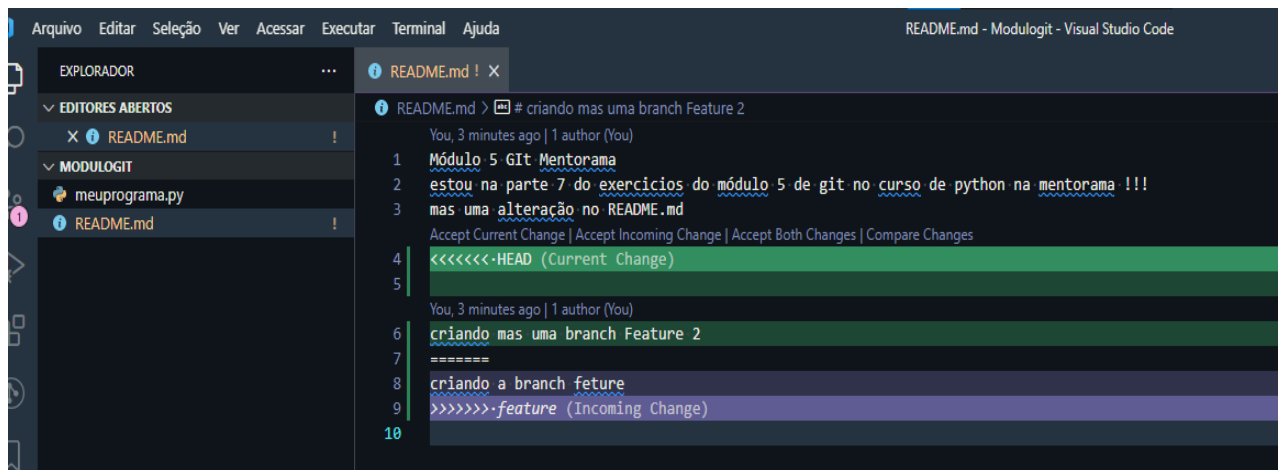
18 – Criando mas uma branch

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature)
$ git checkout develop
Switched to branch 'develop'

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git branch feature2
```

19 – Alterando o arquivo README.md

```
Arquivo  Editar  Seleção  Ver  Acessar  Executar  Terminal  Ajuda          README.md - Modulogit - Visual Studio Code

EXPLORADOR                    ...        README.md  M  X
  EDITORES ABERTOS                         README.md
    X  README.md              M            You, seconds ago | 1 author (You)
  MODULOGIT                              1  Módulo 5 GIt Mentorama
    meuprograma.py                       2  estou na parte 7 do exercicios do módulo 5 de git no curso de python na mentorama !!!
    README.md                 M          3  mas uma alteração no README.md
                                         4
                                         5  criando mas uma branch Feature 2
                                         6
```

20 – fazendo commit na branch feature2

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2)
$ git add README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2)
$ git commit -m "quinto commit"
[feature2 5ea4715] quinto commit
 1 file changed, 2 insertions(+)

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2)
$ |
```

21 e 22 – Fazendo merge nas branch

```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2)
$ git merge feature2 feature develop
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2|MERGING)
$
```

23 – resolvendo o conflito


```
Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2|MERGING)
$ git diff feature2 feature
diff --git a/README.md b/README.md
index dcae58a..de5c4ef 100644
--- a/README.md
+++ b/README.md
@@ -1,5 +1,4 @@
 Módulo 5 GIt Mentorama
 estou na parte 7 do exercicios do módulo 5 de git no curso de python na mentorama !!!
 mas uma alteração no README.md
-
-criando mas uma branch Feature 2
+criando a branch feture

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2|MERGING)
$ git add README.md

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2|MERGING)
$ git commit -m "sexto commit"
[feature2 ff9a530] sexto commit

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2)
$ git merge feature feature2
Already up to date.

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (feature2)
$ git checkout develop
Switched to branch 'develop'

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git merge feature2 develop
Updating 3488b14..ff9a530
Fast-forward
 README.md | 6 ++++++
 1 file changed, 6 insertions(+)

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$ git status
On branch develop
nothing to commit, working tree clean

Luciano@Luciano MINGW64 ~/Desktop/Modulogit (develop)
$
```

24 – merge da branch master e develop

25 – clonando repositório no gitHUb e dando um git push

Link do repositório no github

Link - https://github.com/lucianoscaliante/Modulogit5.git