Exercício 1: Instale e configure o Git

```
Initialized empty Git repository in C:/lista_exerc
PS C:\lista_exercicios> git --version
git version 2.40.1.windows.1
PS C:\lista_exercicios>
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    GITLENS    COMMENTS

PS C:\lista_exercicios> git init
Initialized empty Git repository in C:/lista_exercicios/.git/
PS C:\lista_exercicios>
```

```
core.ignorecase=true
PS C:\lista_exercicios> git config --global user.name "mikaelleRubia"
PS C:\lista_exercicios> git config --global user.email "mikaelle.rubia@outlook.com"
PS C:\lista_exercicios>
```
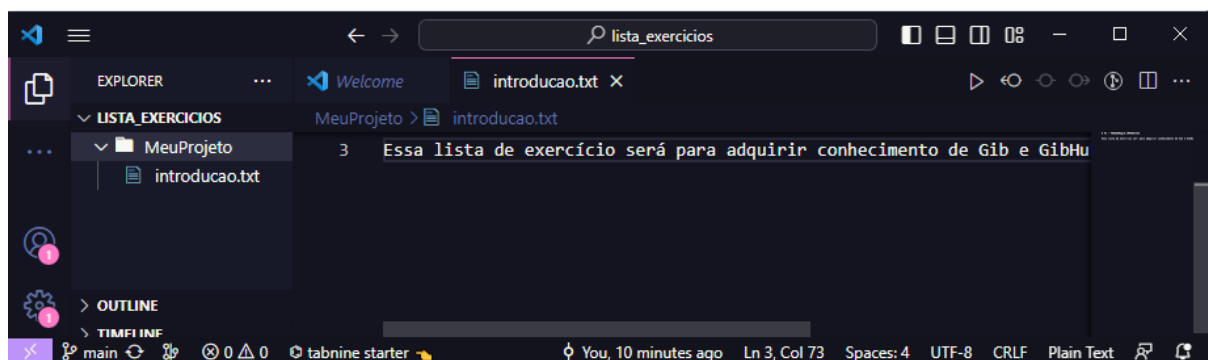
Exercício 2: Iniciando um Repositório

```
∨ LISTA_EXERCICIOS
  ∨ 📁 MeuProjeto                              ●
      📄 introducao.txt                        U
```
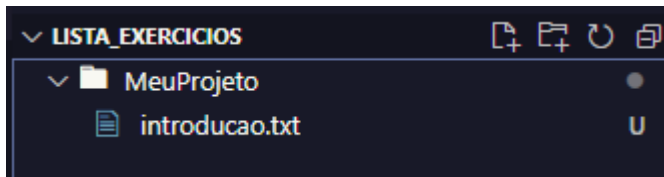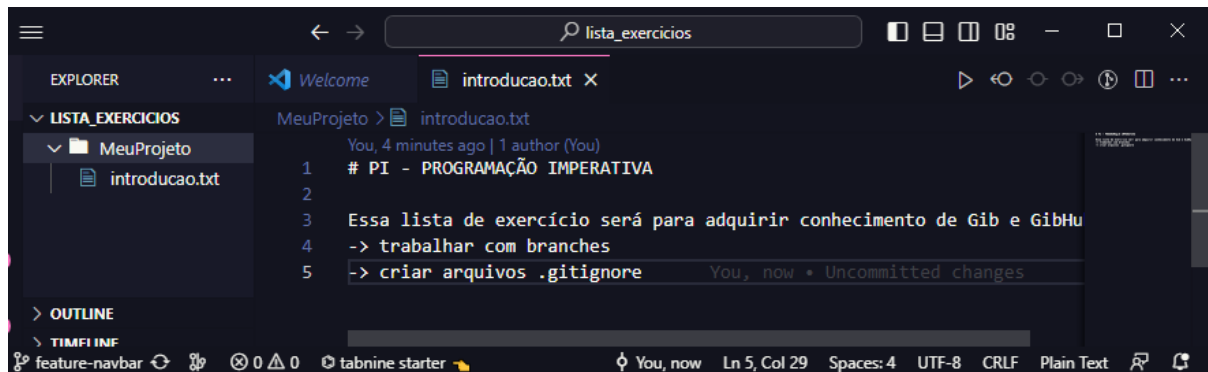
Exercício 3: Trabalhando com Branches

```
PS C:\lista_exercicios> git branch
* main
PS C:\lista_exercicios> git branch feature-navbar
PS C:\lista_exercicios> git branch
  feature-navbar
* main
```

Branch:main

```
✕  ≡                    ←  →          🔍 lista_exercicios         ▯ ▭ ▯▯ ▯▯  —  ▢  ✕

□   EXPLORER      ···    ✕ Welcome      📄 introducao.txt  ✕                ▷ ◁ ◇ ◇ ⊕ ▯ ···

    ∨ LISTA_EXERCICIOS       MeuProjeto >  📄 introducao.txt
···   ∨ 📁 MeuProjeto         3   Essa lista de exercício será para adquirir conhecimento de Gib e GibHu
        📄 introducao.txt

⊗₁

⚙₁
    > OUTLINE
    > TIMELINE
✕  ℗ main ⟳ ⅋  ⊗ 0 ⚠ 0  ⓒ tabnine starter       ◇ You, 10 minutes ago   Ln 3, Col 73   Spaces: 4   UTF-8   CRLF   Plain Text   ⊠ ℃
```

Branch: feature-navbar

merge:

feature: itens na introdução #1

⇅ Open **mikaelleRubia** wants to merge 1 commit into `main` from `feature-navbar`

💬 Conversation 0   -o- Commits 1   ☑ Checks 0   ± Files changed 1

Changes from all commits ▾   File filter ▾   Conversations ▾   Jump to ▾   ⚙ ▾

⌄ 4 ■■■■□ MeuProjeto/introducao.txt

```
...   ...      @@ -1,3 +1,5 @@
1     1        # PI - PROGRAMAÇÃO IMPERATIVA
2     2
3             - Essa lista de exercício será para adquirir conhecimento de Gib e GibHub.
      3       + Essa lista de exercício será para adquirir conhecimento de Gib e GibHub.
      4       + -> trabalhar com branches
      5       + -> criar arquivos .gitignore
```

feature: itens na introdução #1

⑂ Open   **mikaelleRubia** wants to merge 1 commit into `main` from `feature-navbar` ⧉

| 💬 Conversation 0 | ⦿ Commits 1 | ☑ Checks 0 | ⊞ Files changed 1 |

---

mikaelleRubia commented now

Adição de descrições em arquivo introdução.txt

🙂

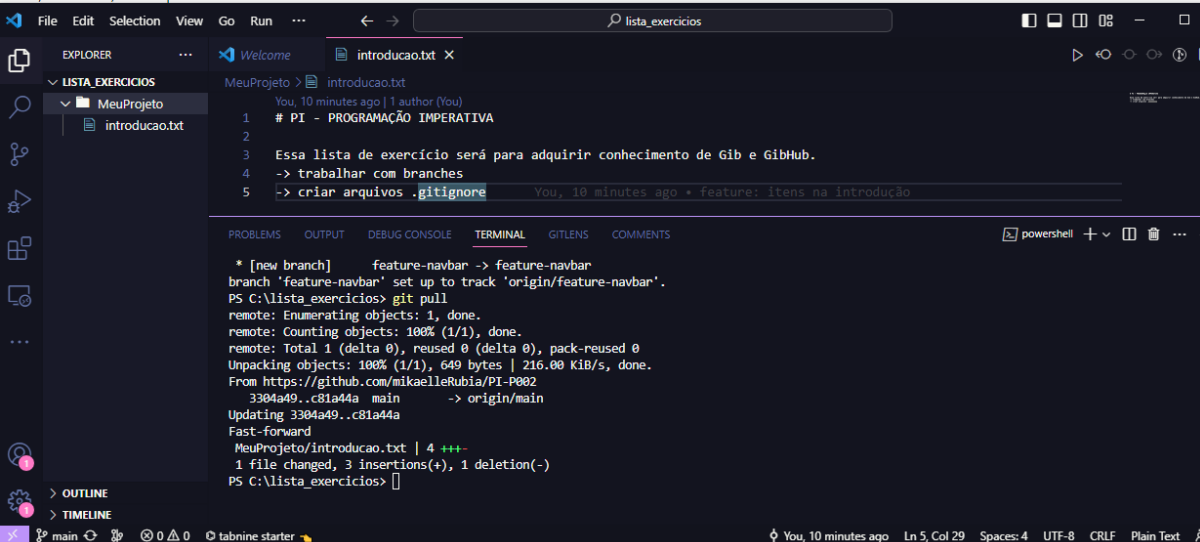---

⦿ 🏆 feature: itens na introdução

Add more commits by pushing to the `feature-navbar` branch on **mikaelleRubia/PI-P002**.

⑂ **Require approval from specific reviewers before merging**
Branch protection rules ensure specific people approve pull requests before they're merged

🤖 **Continuous integration has not been set up**
GitHub Actions and several other apps can be used to automatically catch bugs and enforce

✓ **This branch has no conflicts with the base branch**
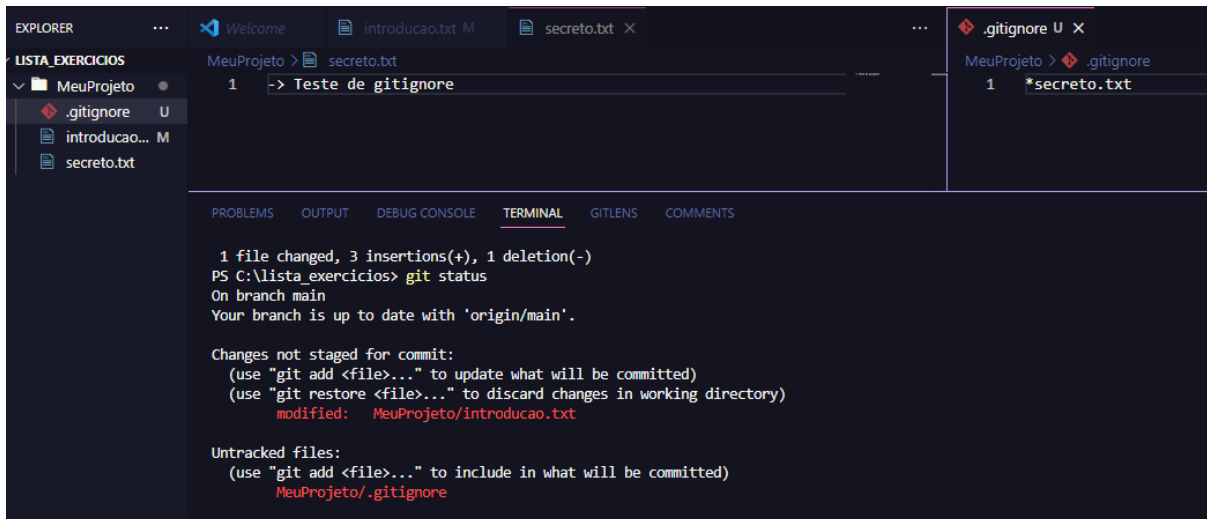Merging can be performed automatically.

Merge pull request ▾   You can also open this in GitHub Desktop or view command line inst

---

File   Edit   Selection   View   Go   Run   ⋯   ← →   🔍 lista_exercicios

EXPLORER

∨ LISTA_EXERCICIOS
  ∨ 📁 MeuProjeto
     📄 introducao.txt

Welcome   📄 introducao.txt ✕

MeuProjeto › 📄 introducao.txt
You, 10 minutes ago | 1 author (You)
```
1   # PI - PROGRAMAÇÃO IMPERATIVA
2
3   Essa lista de exercício será para adquirir conhecimento de Gib e GibHub.
4   -> trabalhar com branches
5   -> criar arquivos .gitignore        You, 10 minutes ago • feature: itens na introdução
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   GITLENS   COMMENTS   ➤ powershell

```
 * [new branch]      feature-navbar -> feature-navbar
branch 'feature-navbar' set up to track 'origin/feature-navbar'.
PS C:\lista_exercicios> git pull
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 649 bytes | 216.00 KiB/s, done.
From https://github.com/mikaelleRubia/PI-P002
   3304a49..c81a44a  main       -> origin/main
Updating 3304a49..c81a44a
Fast-forward
 MeuProjeto/introducao.txt | 4 +++-
 1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\lista_exercicios>
```

> OUTLINE
> TIMELINE

⑂ main ⟳   ⊗ 0 ⚠ 0   ⊙ tabnine starter   ⬦ You, 10 minutes ago   Ln 5, Col 29   Spaces: 4   UTF-8   CRLF   Plain Text

---

Exercício 4: Ignorando Arquivos

GitHub após commit

mikaelleRubia feature: arquivo gitignore

Name	Last commit message
📁 ..	
📄 .gitignore	feature: arquivo gitignore
📄 introducao.txt	feature: arquivo gitignore

Exercício 5: Trabalhando com Repositórios Remotos


```
    delete mode 100644 PI-P001_prints.pdf
PS C:\lista_exercicios> git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 236 bytes | 236.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote: This repository moved. Please use the new location:
remote:    https://github.com/mikaelleRubia/Exercicios_lista01.git
To https://github.com/mikaelleRubia/PI-P002.git
    2b91d92..5dab864  main -> main
PS C:\lista_exercicios>
```

Exercício 6: Clonando e Forking
git clone:

```
PS C:\documentos_teste\clone> git clone https://github.com/mikaelleRubia/Residencia.git
Cloning into 'Residencia'...
remote: Enumerating objects: 33, done.
remote: Counting objects: 100% (33/33), done.
remote: Compressing objects: 100% (20/20), done.
Receiving objects: 100% (33/33), 49.65 KiB | 1.06 MiB/s, done.
Resolving deltas: 100% (6/6), done.

PS C:\documentos_teste\clone>
```

git forking:

Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project.

Required fields are marked with an asterisk (*).

Owner *   Repository name *

🔴 mikaelleRubia ▾ / projeto01_curso_luiz_otav

✅ projeto01_curso_luiz_otavio is available.

By default, forks are named the same as their upstream repository. You can customize the name to distinguish it further.

Description (optional)

☑ Copy the `master` branch only
   Contribute back to mikaelle1992/projeto01_curso_luiz_otavio by adding your own branch. Learn more.

ⓘ You are creating a fork in your personal account.

Create fork

Exercício 7: Resolvendo Conflitos

Exercício 8: Histórico de Commits

```
    2b91d92..5dab864  main -> main
PS C:\lista_exercicios> git log
commit 5dab864e882b7fe02b4e667eec970a97726aaa89 (HEAD -> main, origin/main)
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Tue Aug 29 20:18:37 2023 -0300

    fix: arquivos de prints

commit 2b91d92935befebb13764e43c71de8d4cda378ba
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Mon Aug 28 21:31:43 2023 -0300

    arquivo com prints do PI-P001

commit 3fbadecfe6facd8bdee773e76d664601a03078b7
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Mon Aug 28 21:18:29 2023 -0300

    exercicio 05, uso do search

commit 04ceebcbb8834e53ad40594db9651fb89a7f0c37
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Mon Aug 28 21:07:50 2023 -0300

    lista PI-P001, função calculadora

commit 24e07e2bdf00360912838916099e5fedef41872f
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
:...skipping...
commit 5dab864e882b7fe02b4e667eec970a97726aaa89 (HEAD -> main, origin/main)
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Tue Aug 29 20:18:37 2023 -0300

    fix: arquivos de prints

commit 2b91d92935befebb13764e43c71de8d4cda378ba
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Mon Aug 28 21:31:43 2023 -0300

    arquivo com prints do PI-P001

commit 3fbadecfe6facd8bdee773e76d664601a03078b7
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Mon Aug 28 21:18:29 2023 -0300

    exercicio 05, uso do search

commit 04ceebcbb8834e53ad40594db9651fb89a7f0c37
Author: mikaelleRubia <mikaelle.rubia@outlook.com>
Date:   Mon Aug 28 21:07:50 2023 -0300
```

Exercício 9: Revertendo Alterações
->git revert HEAD ou git revert <id>

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   GITLENS   COMMENTS

Revert "fix: texto em arquivo introdução"

This reverts commit 8775cdb8769438104b812e6202fdad009105ad5c.

# 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 1 commit.
#   (use "git push" to publish your local commits)
#
# Changes to be committed:
#       modified:   MeuProjeto/introducao.txt
#       deleted:    PI-P001_prints_atualizado.pdf
#
~
~
~
~
~
~
~
~
~
~
~
.git/COMMIT_EDITMSG [unix] (20:42 29/08/2023)                        1,1 All
```

mikaelleRubia Revert "fix: texto em arquivo introdução" ...

📁 MeuProjeto   Revert "fix: texto em arquivo introdução"

Exercício 10: Trabalhando com Tags

```
PS C:\lista_exercicios> git tag
PS C:\lista_exercicios> git tag -a v1.0 -m " version 1.0"
PS C:\lista_exercicios> git tag
v1.0
PS C:\lista_exercicios> git tag -a v2.0 -m " version 2.0"
PS C:\lista_exercicios> git tag
v1.0
v2.0
PS C:\lista_exercicios>
```