Data 12/04

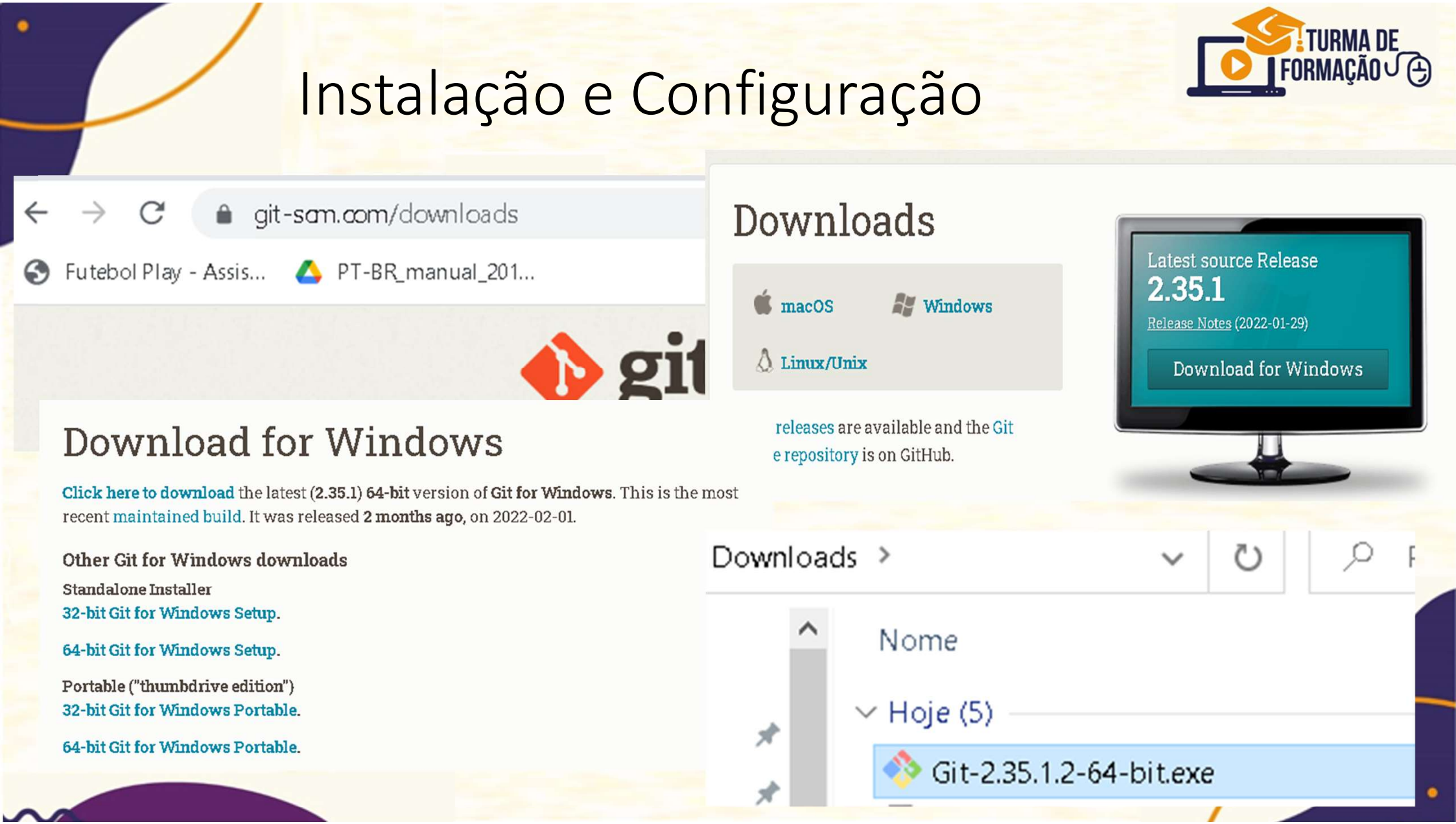
Git e GitUB

ONIPRESENTE NO CONTROLE DE VERSÃO

TURMA DE FORMAÇÃO

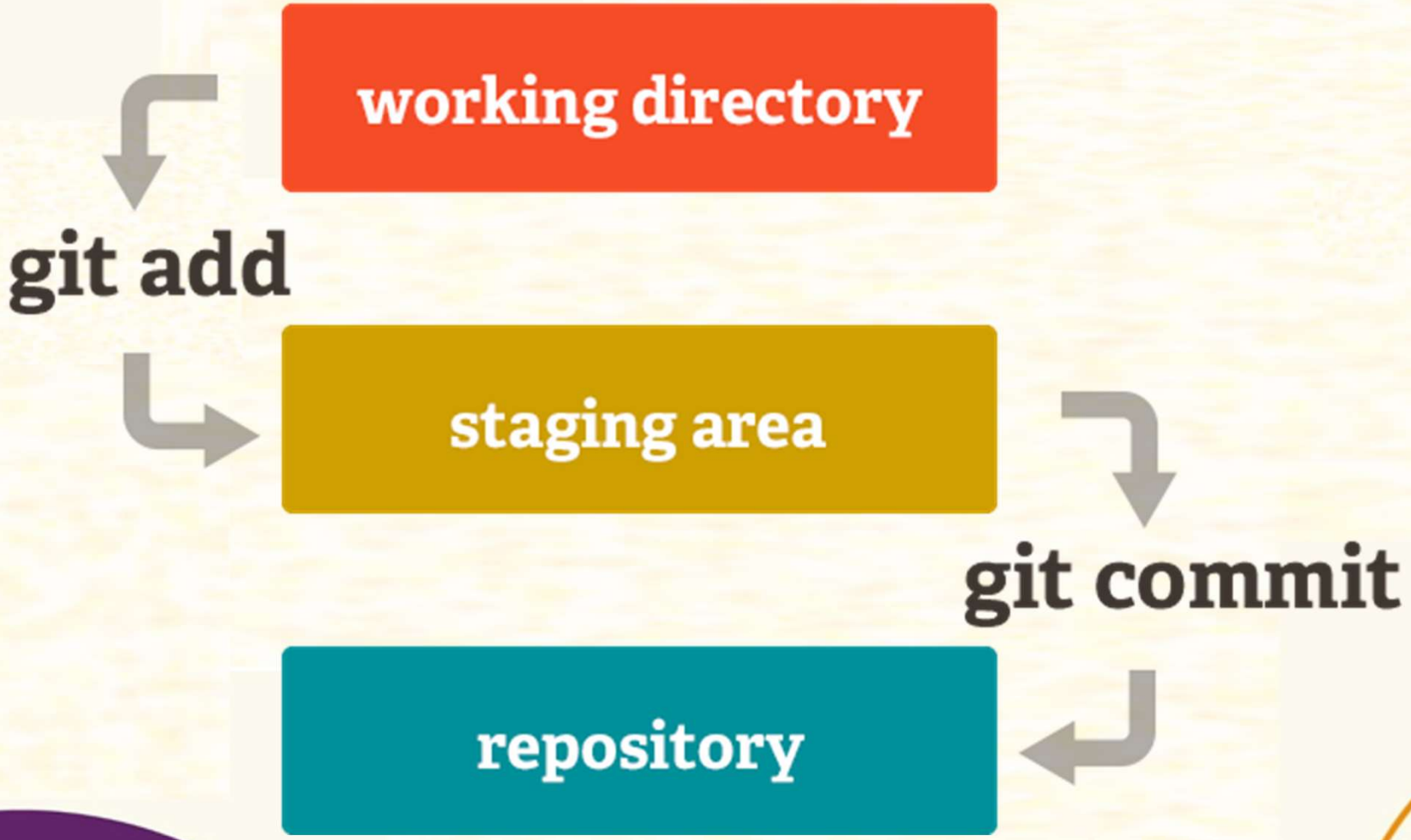
```
    ├── tsconfig.json
    ├── tslint
    │   └── requireInternalWithUnderscoreRule.
    ├── types.d.ts
    ├── utils.inc
    ├── validate-commit-message
    │   ├── BUILD.bazel
    │   ├── commit-message.json
    │   ├── index.js
    │   ├── validate-commit-message.js
    │   └── validate-commit-message.spec.js
    ├── verify-codeownership.js
    └── yarn
        └── check-yarn.js
├── tslint.json
├── yarn.lock
└── yarn.lock.readme.md

1802 directories, 8846 files
demo>
```

Instalação e Configuração



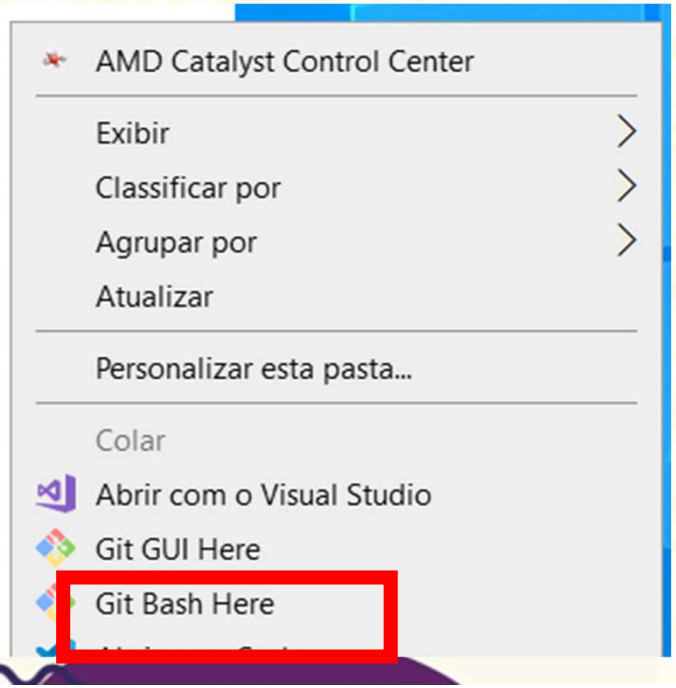
Arquivo Instalação Git.DOCXC contém o passo a passo da instalação...

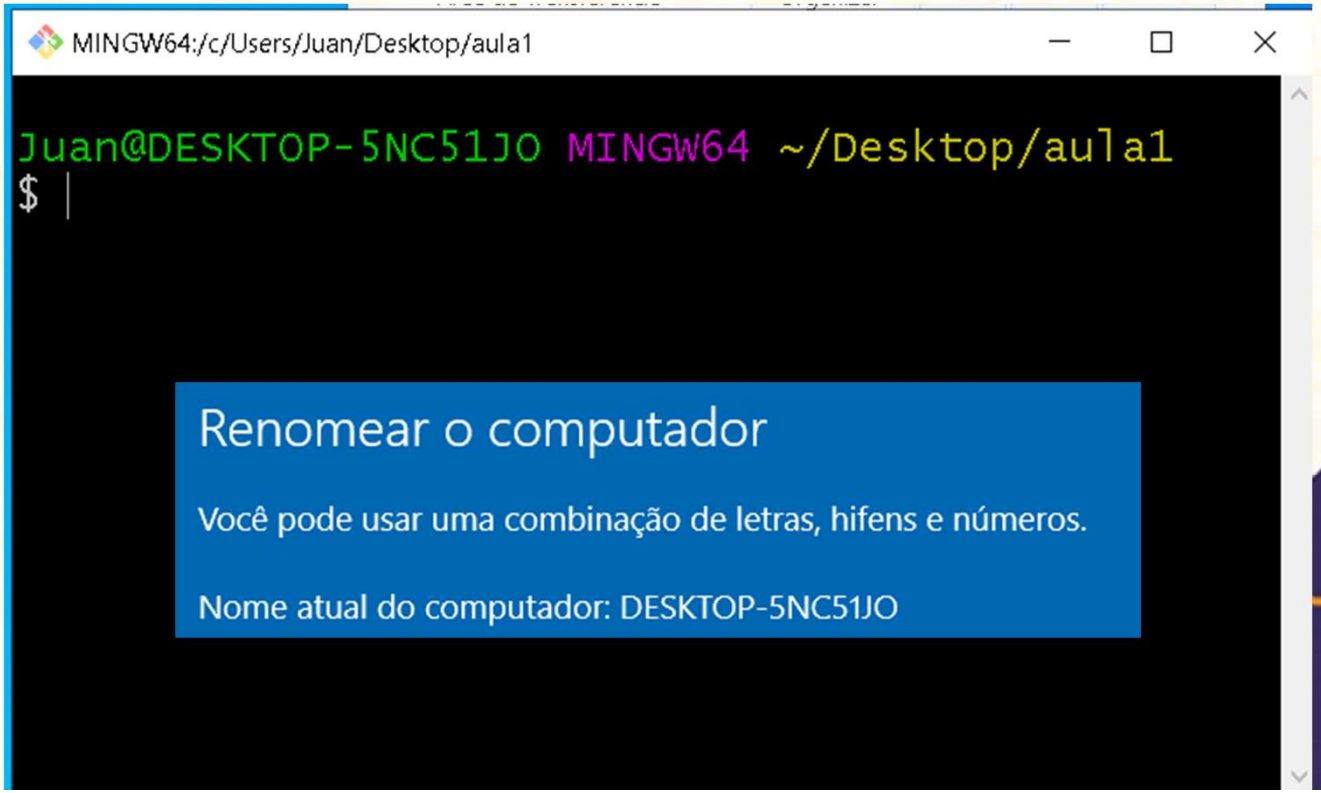
Fluxo trabalho GIT



Primeiro Comandos

- Crie uma pasta no Desktop (ou outro local)
- Abra a pasta e clique com o botão direito dentro dela e selecione a opção GIT BASH HERE





Definir User e Email

```
git config --global user.name "Fulano de Tal"
git config --global user.email fulanodetal@exemplo.pt
```

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git config user.name

Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git config user.email
prof.juanpablo@gmail.com
```

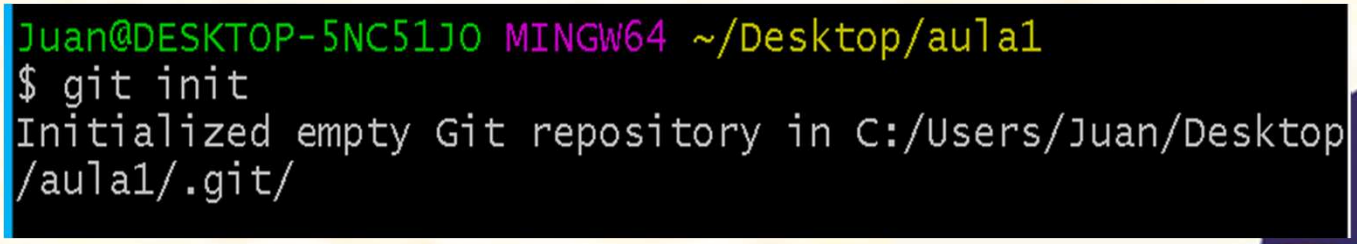
Serve para identificar quem está efetuando as alterações nas versões..

Comandos inciais

- Todo comando começa com “git”

- **Git status** – Exibe o status da apsta que está sendo “tracked” rastreada

- **Git init** – Inicializa um repositório git na pasta



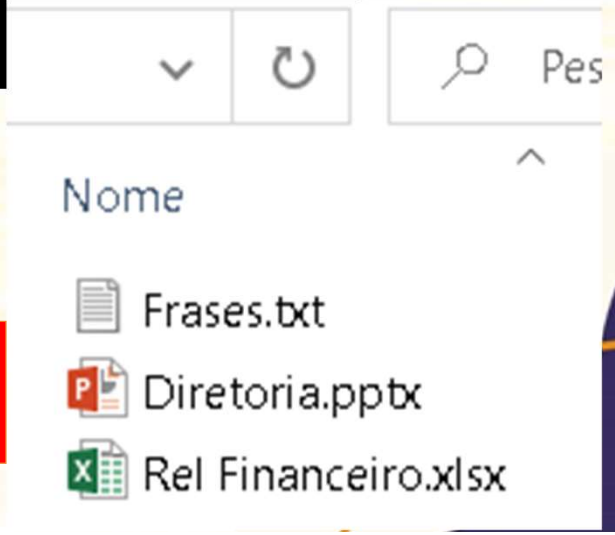
Git inicializado verifico o status

MINGW64:/c/Users/Juan/Desktop/aula1

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$
```

Insira alguns arquivos na pasta.. (textos, planilhas, imagens, etc...)

Working Directory



Git Status (novamente)

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Diretoria.pptx
        Frases.txt
        Rel Financeiro.xlsx

nothing added to commit but untracked files present (use "git add" t
o track)
```

Dizer ao git para Rastrear estes Arquivos

- Git add <nome do arquivo.extensão>

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git add Frases.txt

Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Frases.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Diretoria.pptx
        Rel Financeiro.xlsx


Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$
```

Rastrear toda a pasta **Git add .**

Staging Area

```
MINGW64:/c/Users/Juan/Desktop/aula1

Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git add .

an@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Diretoria.pptx
        new file:   Frases.txt
        new file:   Rel Financeiro.xlsx
```

Finalizar o arquivo e mandar repository

- Git commit –m “Mensage”

MINGW64:/c/Users/Juan/Desktop/aula1

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git commit -m "Primeiro envio"
[master (root-commit) 80f6368] Primeiro envio
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Diretoria.pptx
 create mode 100644 Frases.txt
 create mode 100644 Rel Financeiro.xlsx
```

Altere o conteúdo de algum arquivo e dê git status novamente

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (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 directo
ry)
        modified:   Frases.txt

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

- Houve uma mudança no conteúdo do arquivo o git observa esta mudança e informa que os arquivos qu estão no working directory não “bate” com o arquivo que está no Repository... O que é necessário? Commitar ou adicionar

TURMA DE FORMAÇÃO

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git add .

Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git commit -m "segundo  envio"
[master 5800a93] segundo  envio
 1 file changed, 1 insertion(+)

Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

Ver commits – **git log**

```
Juan@DESKTOP-5NC51JO MINGW64 ~/Desktop/aula1 (master)
$ git log
commit 5800a937ea5d7f804a5085c4ebb4177a646f556f (HEAD -> master)
Author: unknown <prof.juanpablo@gmail.com>
Date:   Mon Apr 11 16:24:17 2022 -0300

    segundo  envio

commit 80f63681389d824474312effb384b1c35c84bff2
Author: unknown <prof.juanpablo@gmail.com>
Date:   Mon Apr 11 16:18:29 2022 -0300

    Primeiro envio
```

Obrigado(a)!