# **TUTORIAL POR IMAGENS**

INTRODUÇÃO AO GIT E GITHUB

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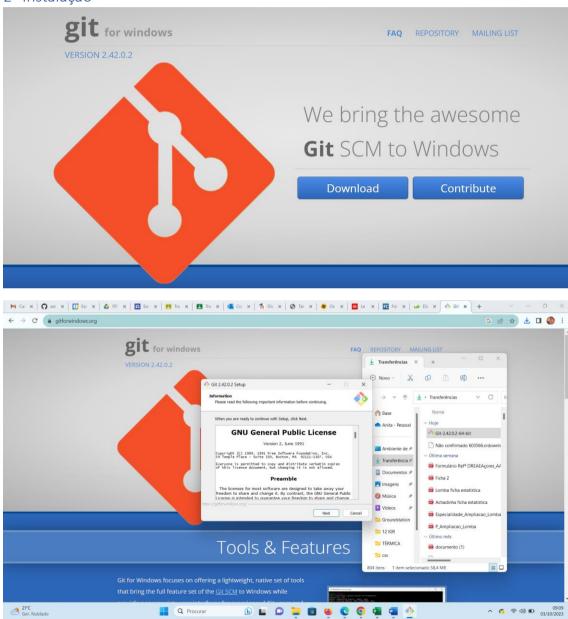
# Instalação do git (Windows)

# 1 – Registar no site um utilizador

Exemplo a usar: <a href="https://github.com/anitavcarvalho">https://github.com/anitavcarvalho</a>

GitHub.com

# 2- Instalação



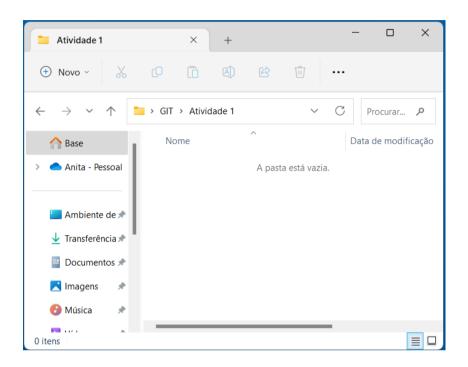
### 3- Configuração

```
MINGW64:/c/Users/Anita
                                                                                       X
Anita@LAPTOP-070TPLAP MINGW64 ~
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT (main)
$ git config --global user.name "Anita"
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT (main)

$ git config --global user.email "anita.v.carvalho@esdomingosrebelo.net"
nita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT (main)
 git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
redential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=Anita Carvalho
user.email=anita.v.carvalho@esdomingosrebelo.net
core.repositoryformatversion=0
core.filemode=false
core.bare=false
ore.logallrefupdates=true
core.symlinks=false
ore.ignorecase=true
fs.repositoryformatversion=0
 MINGW64:/c/Users/Anita/Desktop/GIT
                                                                                        X
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT (main)
$ git version
git version 2.42.0.windows.2
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT (main)
```

# Criação de um repositório

### 1 – Criar uma pasta



# 2 – Comandos a usar no git

```
MINGW64:/c/Users/Anita/Desktop/GIT/Atividade 1 — X

Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT (main)
$ git version
git version 2.42.0.windows.2

Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT (main)
$ cd "C:\Users\Anita\Desktop\GIT\Atividade 1"

Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (main)
$ git init
Initialized empty Git repository in C:/Users/Anita/Desktop/GIT/Atividade 1/.git/

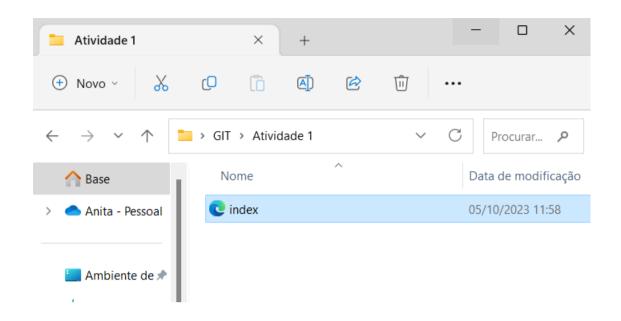
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
$ git status
On branch master

No commits yet

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

Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
$ |
```

### 3 – Adição de ficheiros



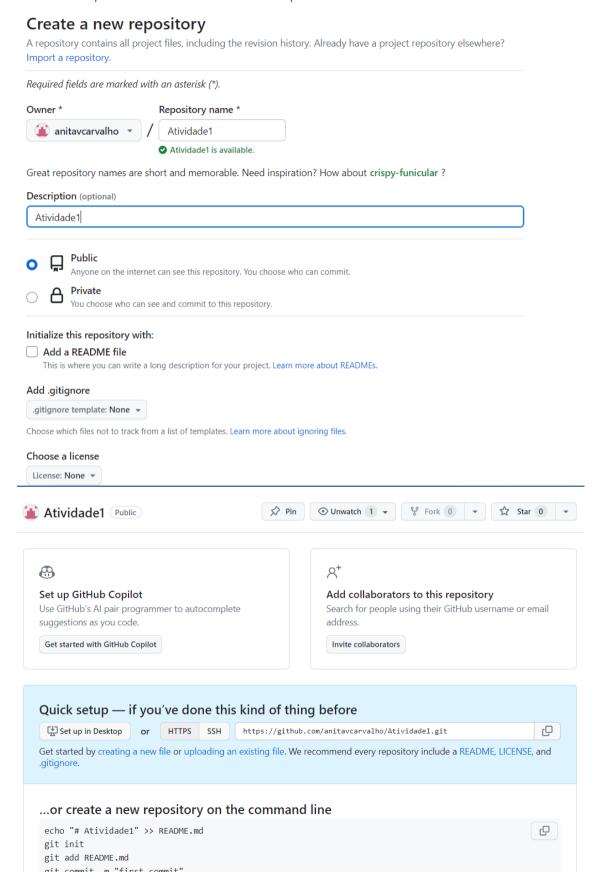
```
nita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
 git status
On branch master
No commits yet
Untracked files:
 (use "git add <file>..." to include in what will be committed)
        index.html
nothing added to commit but untracked files present (use "git add" to track)
nita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
 git add .
Anita@LAPTOP-07OTPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)

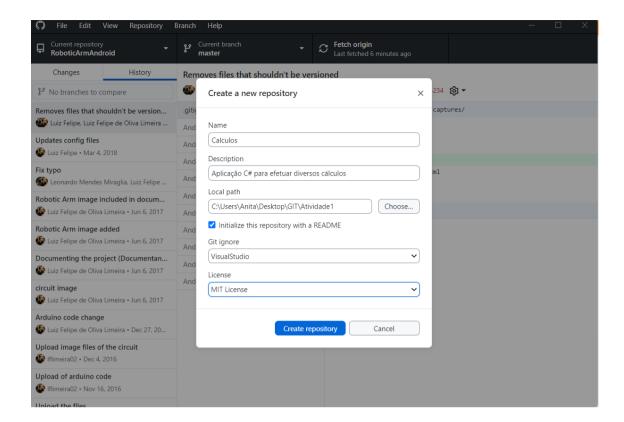
$ git commit -m "Commit inicial"
[master (root-commit) 2aeeec3] Commit inicial
1 file changed, 9 insertions(+)
create mode 100644 index.html
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
```

```
Anita@LAPTOP-07OTPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
$ git add .
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
$ git status
On branch master
Changes to be committed:

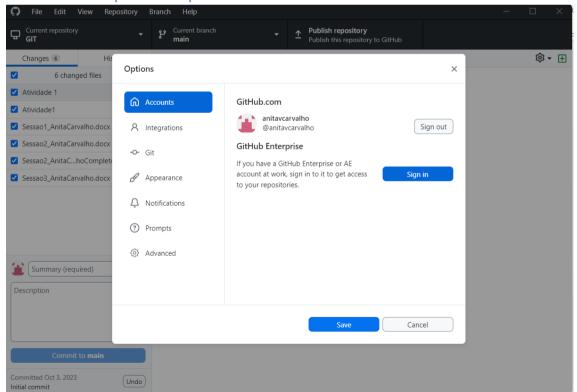
(use "git restore --staged <file>..." to unstage)
       new file: img/1.jpg
modified: index.html
Anita@LAPTOP-07OTPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
nita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
 git log
ommit 89b7629d74017d4e6e0ab3cf74935333c590b586 (HEAD -> master)
Author: Anita Carvalho <anita.v.carvalho@esdomingosrebelo.net>
       Thu Oct 5 12:10:41 2023 +0000
Date:
   Adicional img com logo
commit 2aeeec3c86b842dbaf0a6a48287f442bd5f50bc7
Author: Anita Carvalho <anita.v.carvalho@esdomingosrebelo.net>
Date:
       Thu Oct 5 12:04:41 2023 +0000
   Commit inicial
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
$ git log --oneline
39b7629 (HEAD -> master) Adicional img com logo
Zaeeec3 Commit inicial
Anita@LAPTOP-070TPLAP MINGW64 ~/Desktop/GIT/Atividade 1 (master)
```

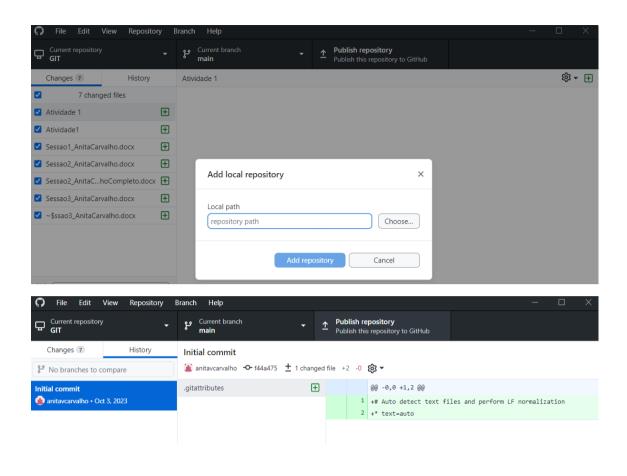
## 4 – Criar repositórios no GitHub Desktop

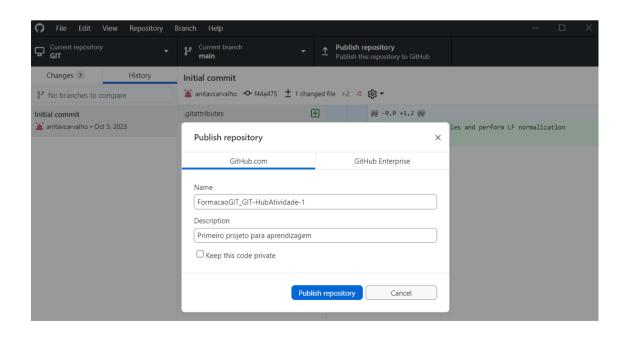


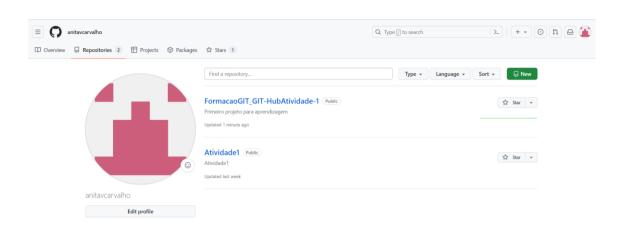


5 – Adicionar e publicar repositórios





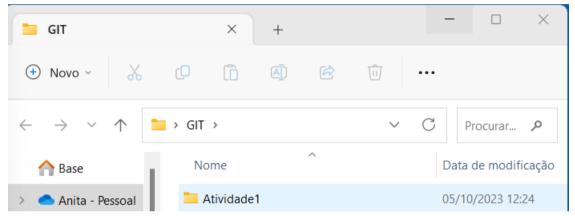




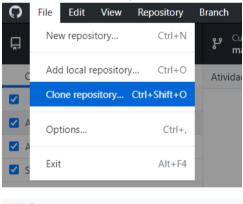
# Clonar repositórios

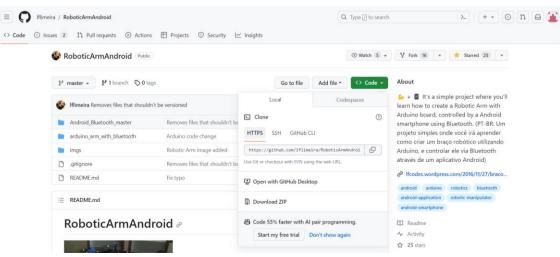
#### 1-Git

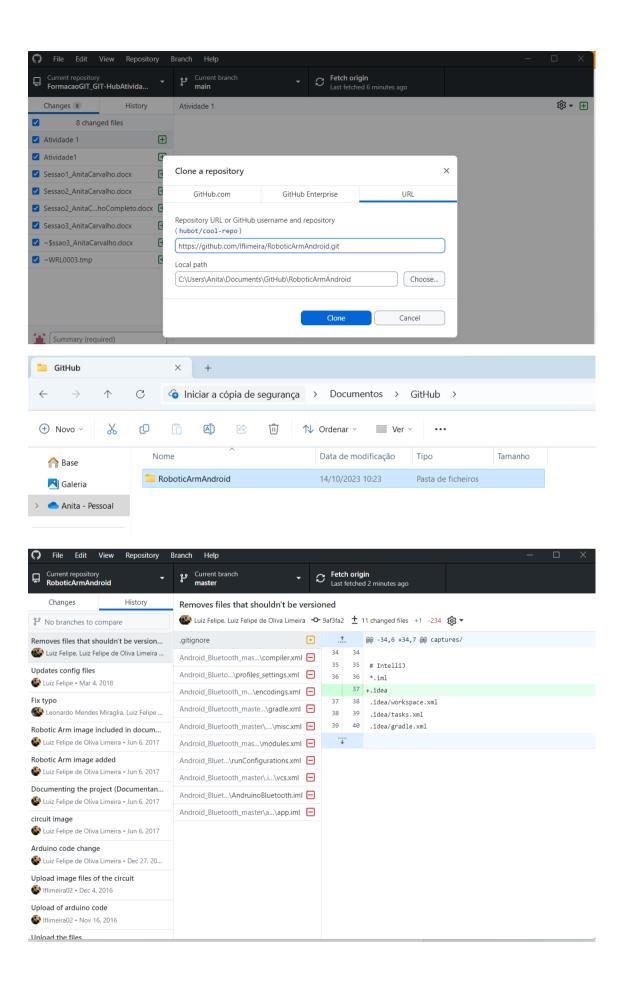




#### 2 – GitHub Desktop







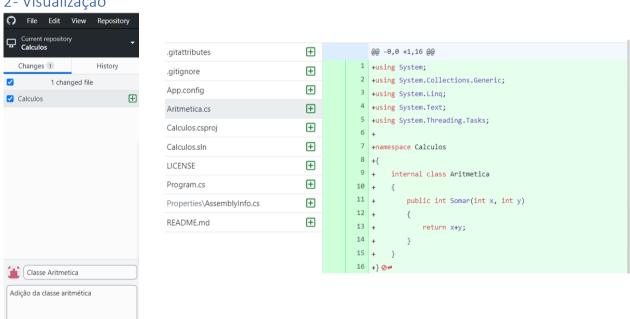
# Commits

# 1 – Alteração do código de um ficheiro

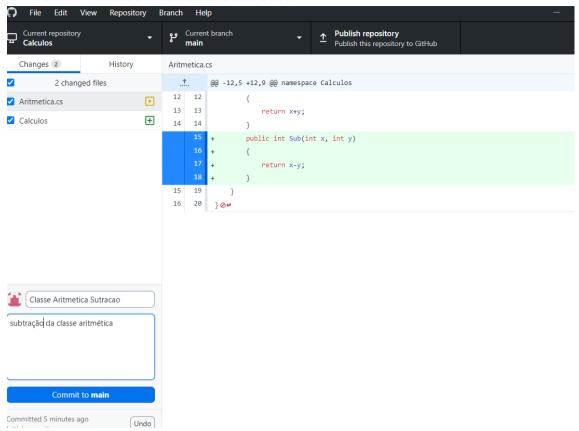
```
Program.cs
                                      Aritmetica.cs
          Editar
                   Ver
Ficheiro
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
namespace Calculos
    internal class Aritmetica
        public int Somar(int x, int y)
             return x+y;
```

# 2- Visualização

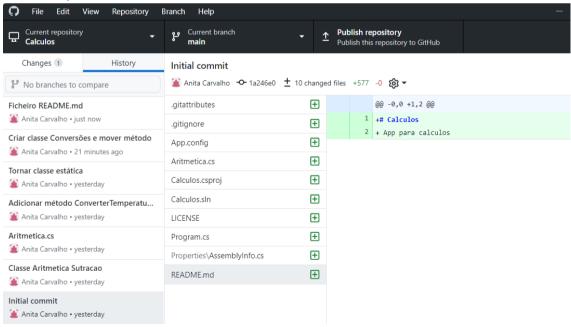
Commit to main



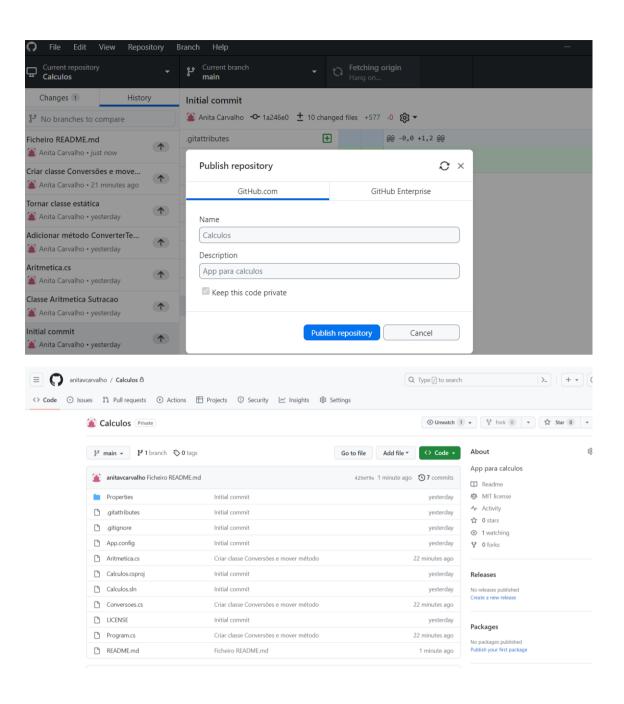
### 3 - Commit "Classe Aritmetica Subtracao"



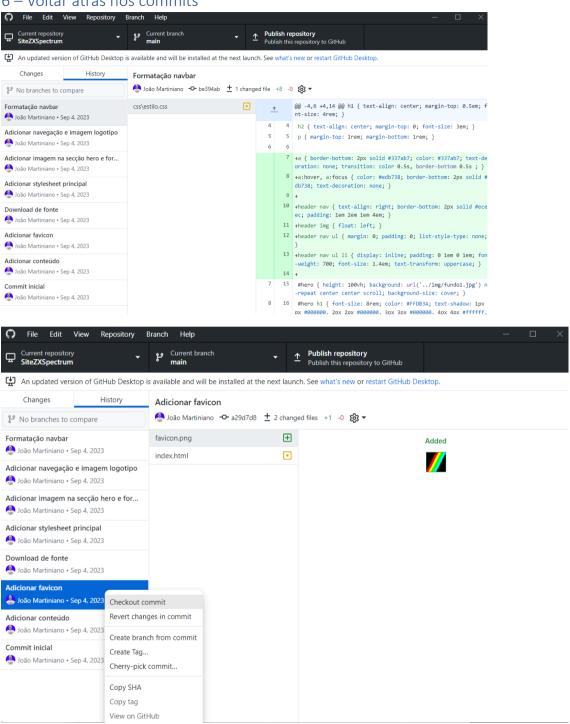
## 4 – Exemplo da vários commits

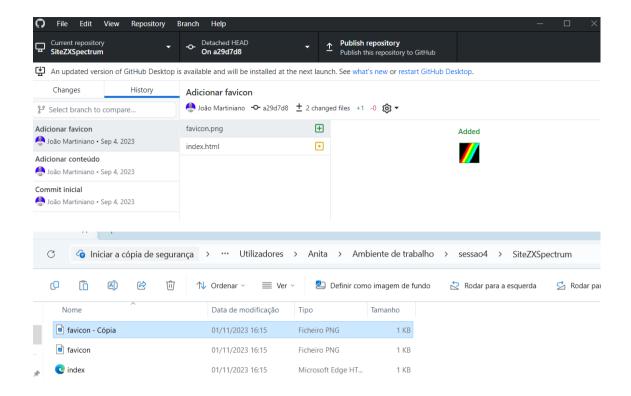


5 – Publicação do repositório



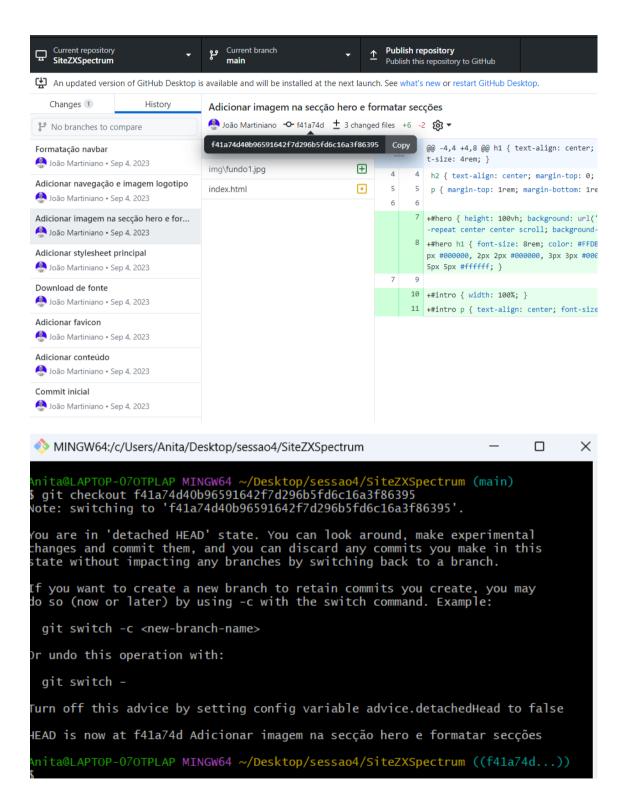
### 6 – Voltar atrás nos commits

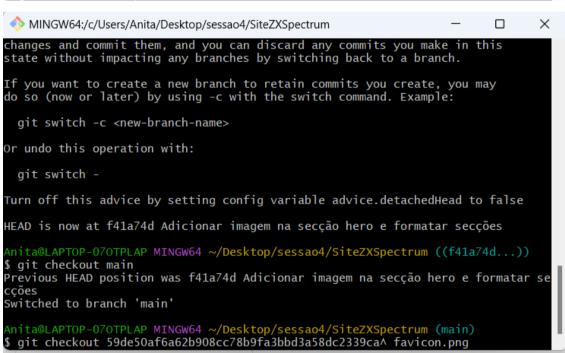


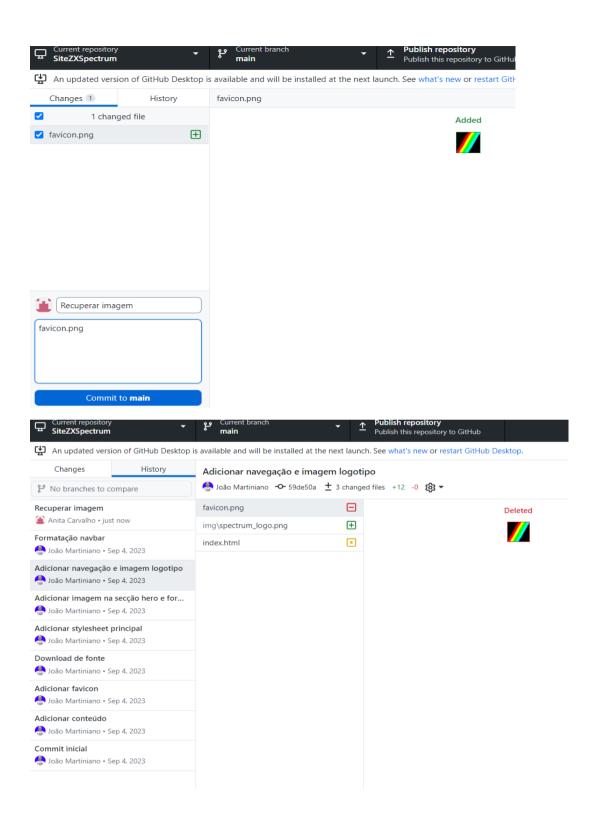


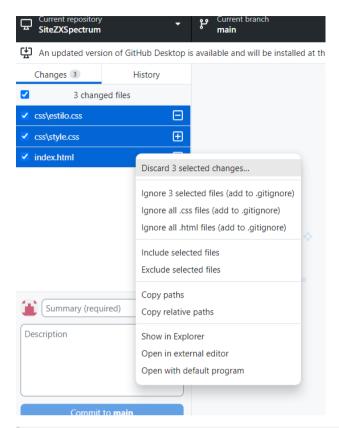
### Branch

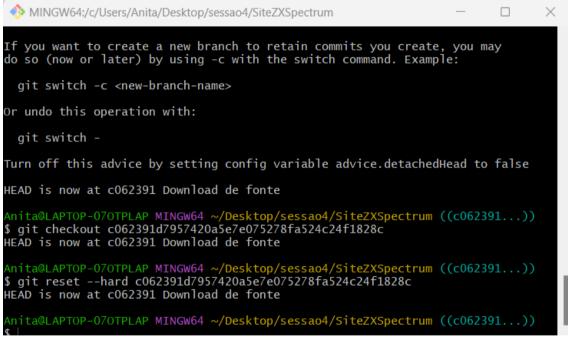
#### 1-Git











#### 2 – GitHub Desktop

