

SESSÃO 1

Primeiros Passos com Git

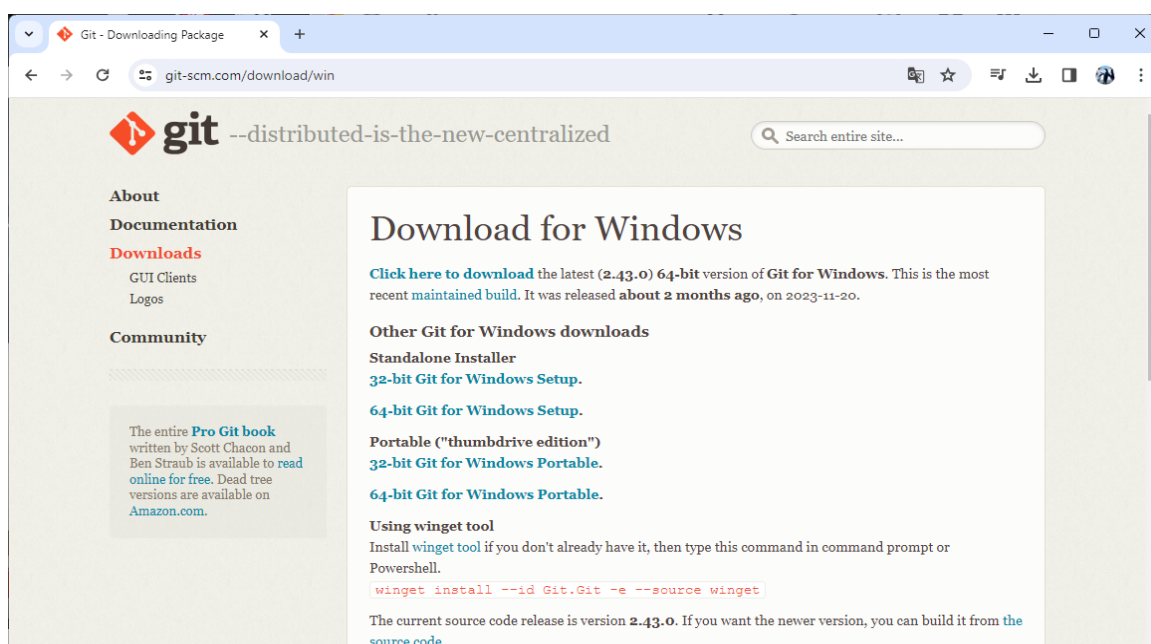
Objetivos:

- instalar o software;
- criar uma conta de utilizador;
- utilizar a linha de comandos;
- digitar comandos na Git Bash.

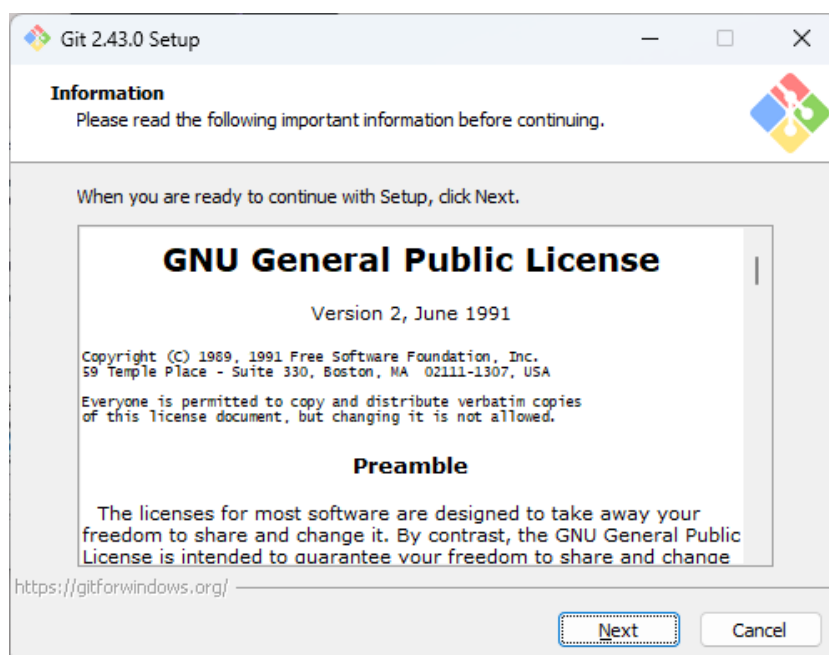
Instalação do Git

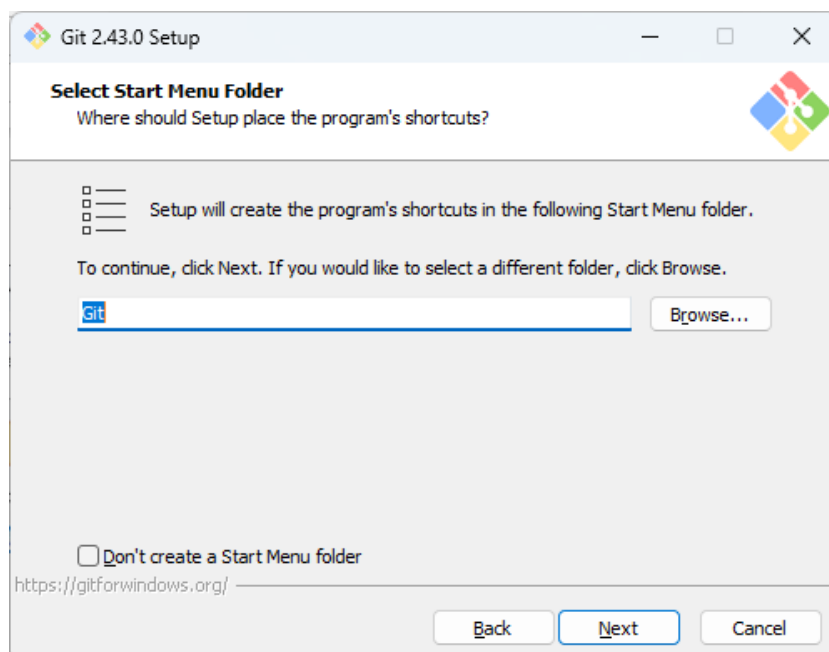
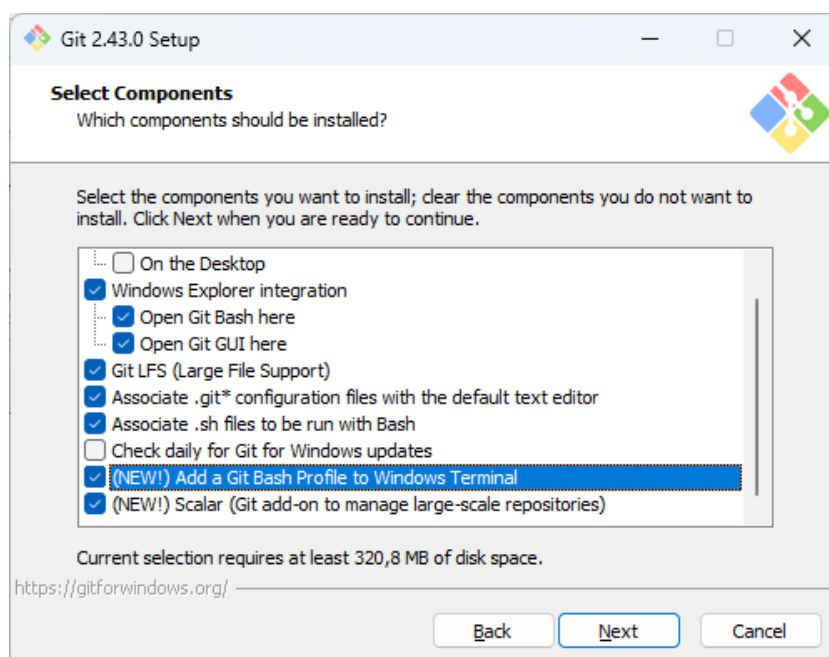
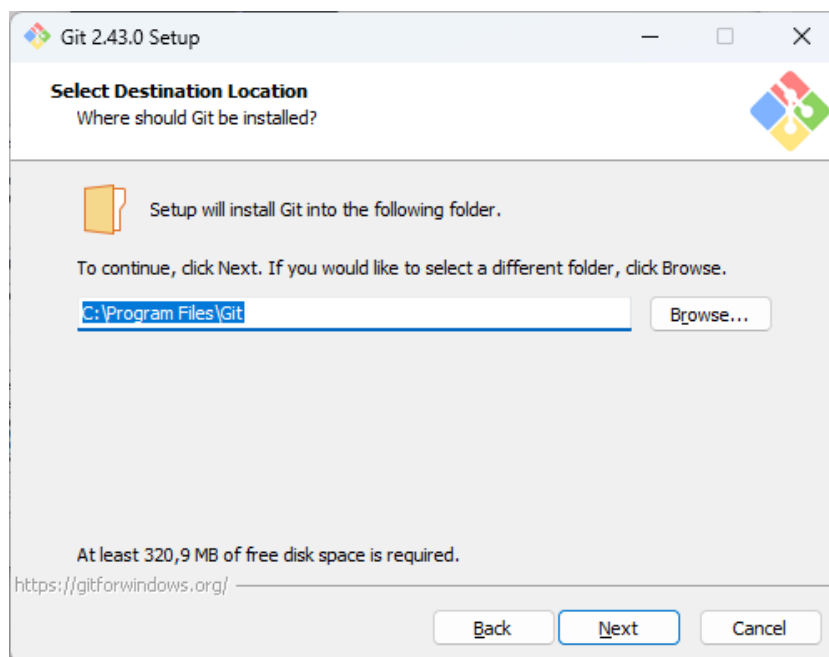
1. Aceder ao site <https://git-scm.com/>

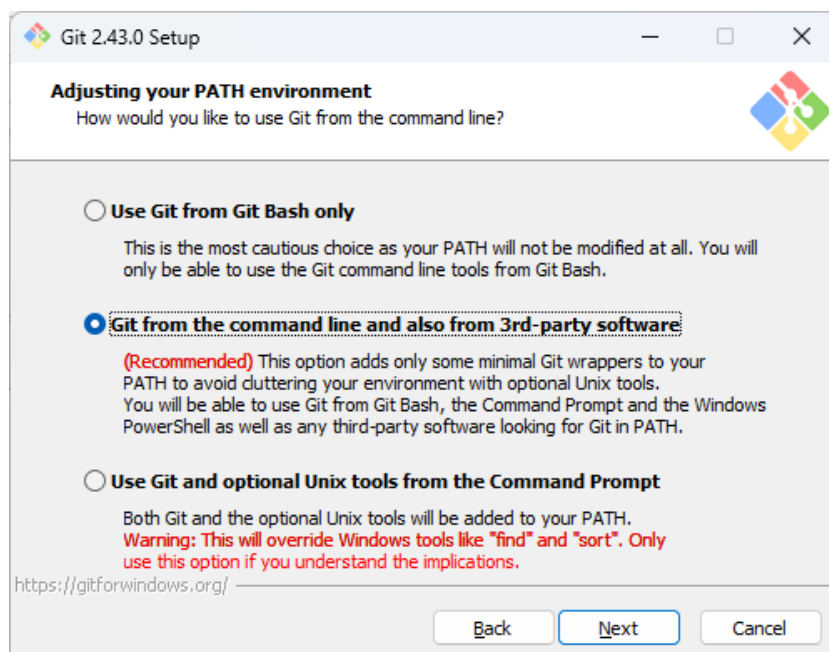
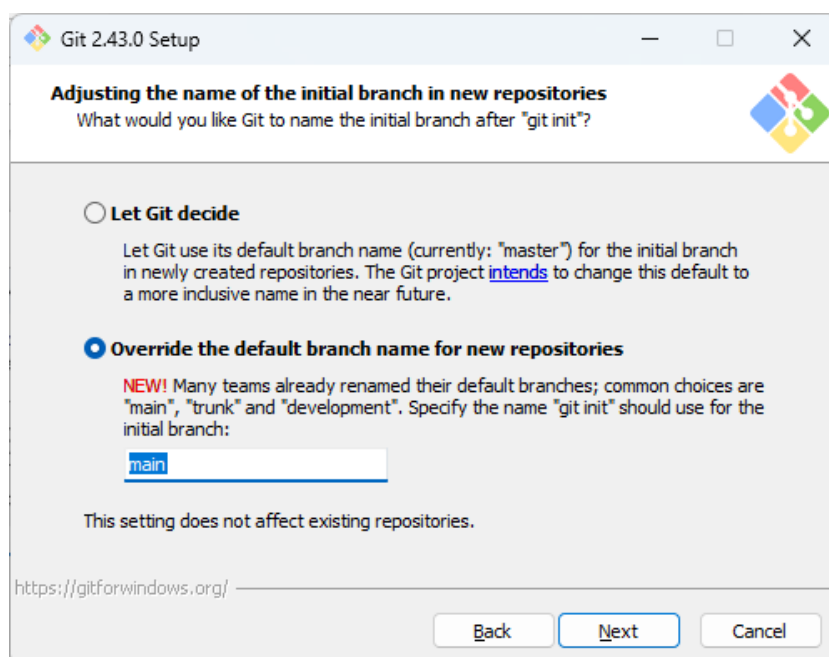
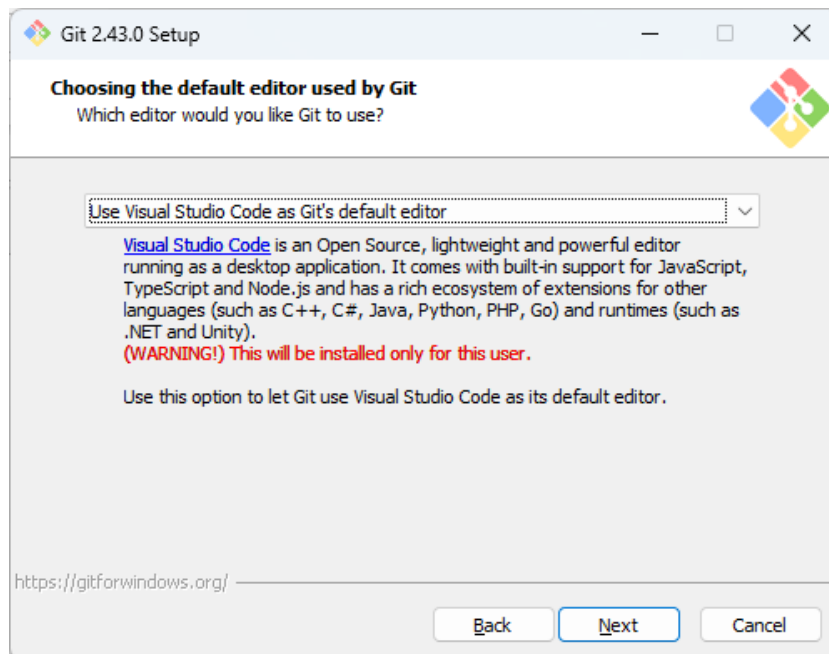
2. Last source release [Download for Windows]

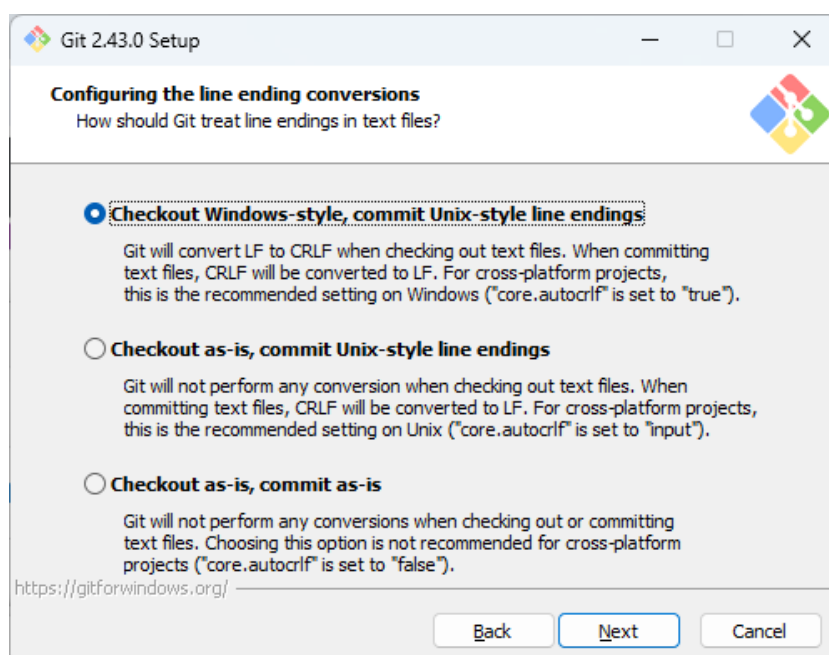
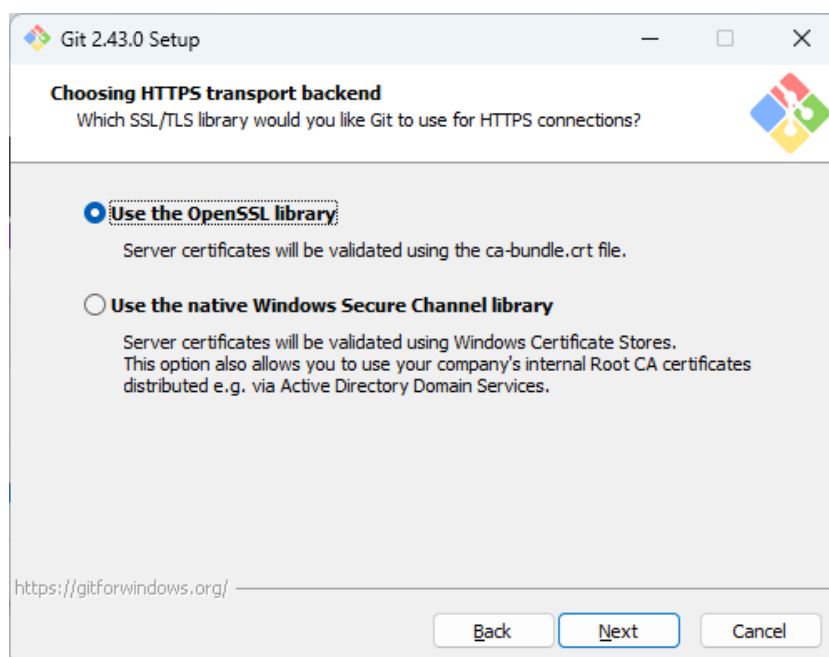
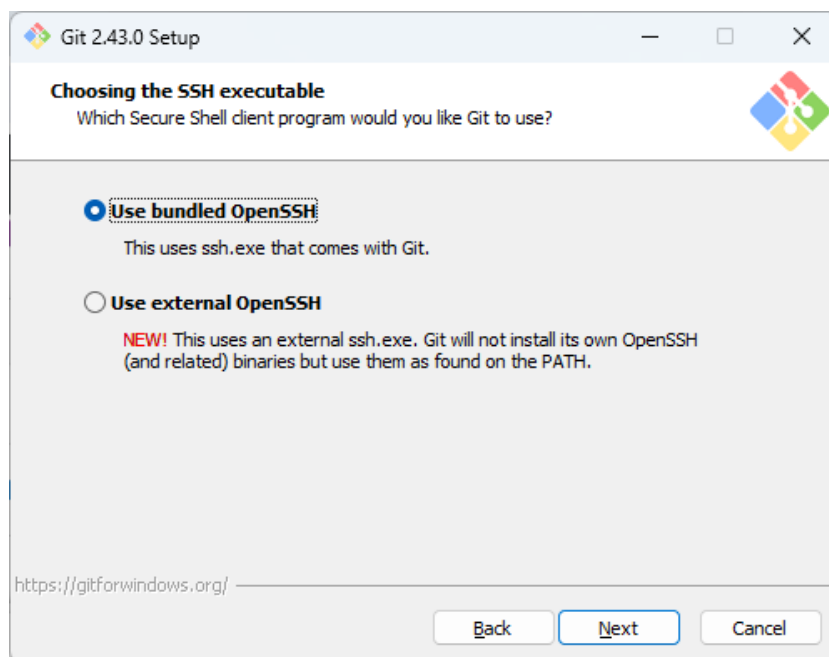


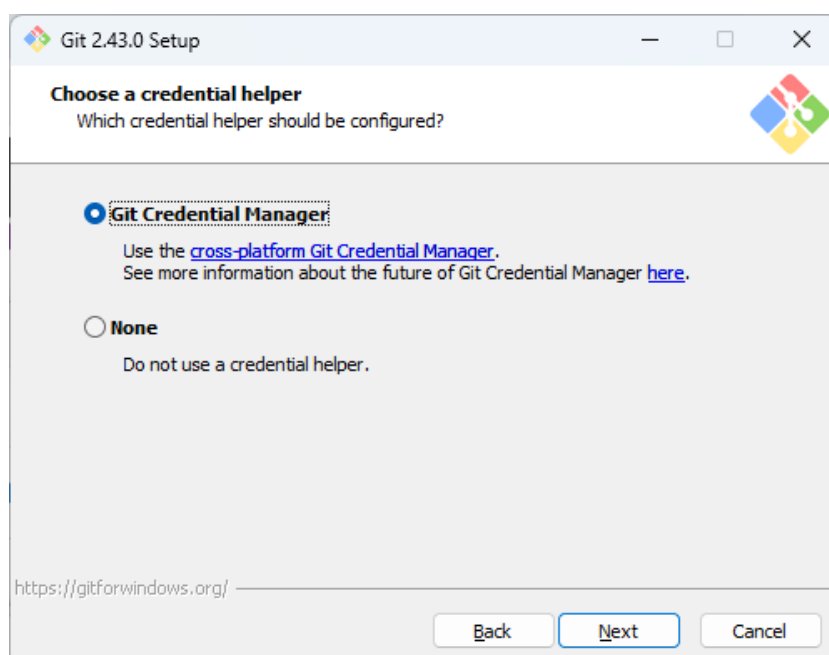
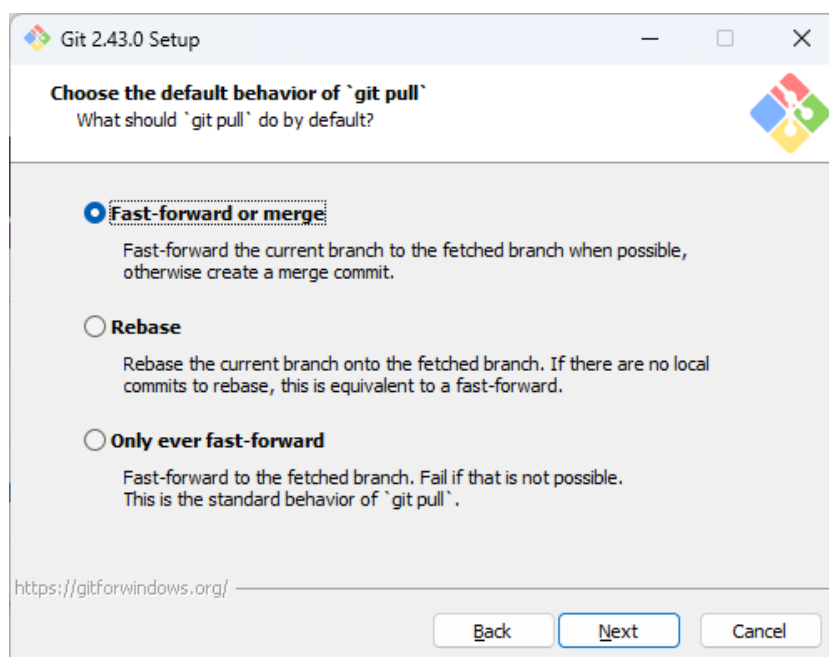
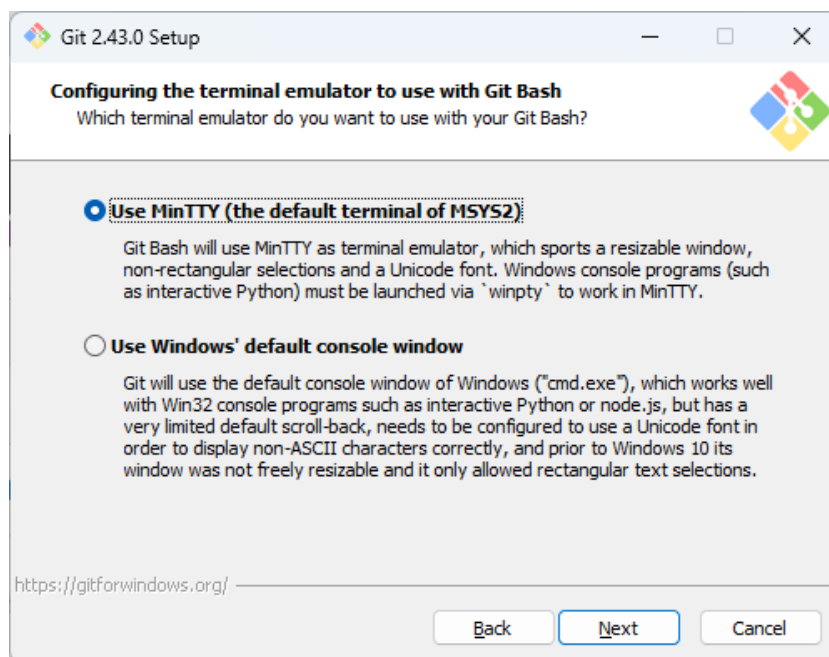
3. Seguir os passos para instalação

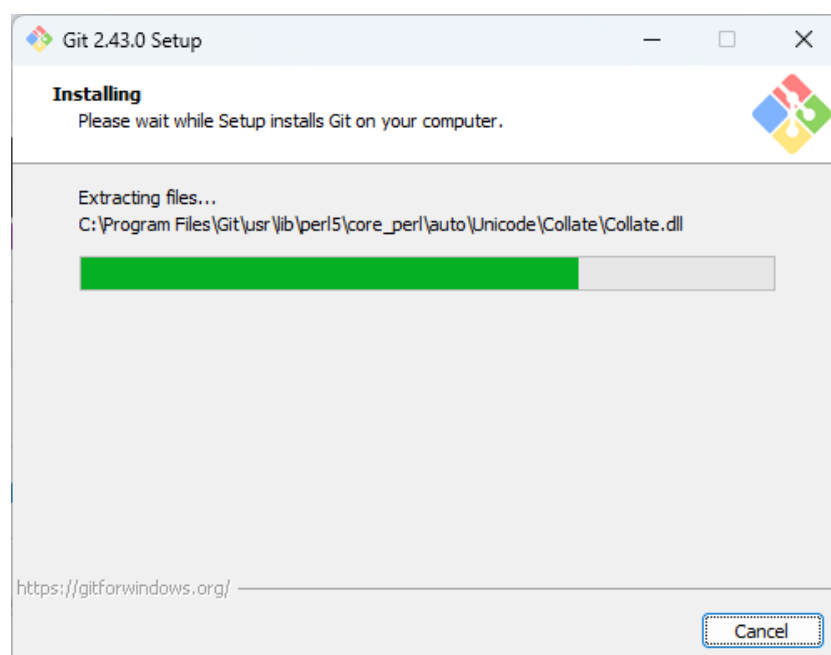
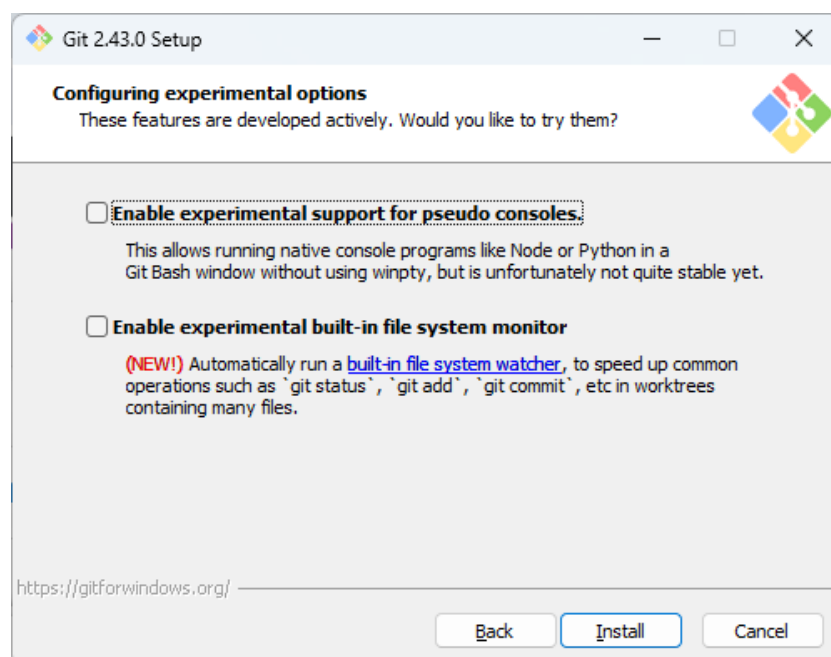
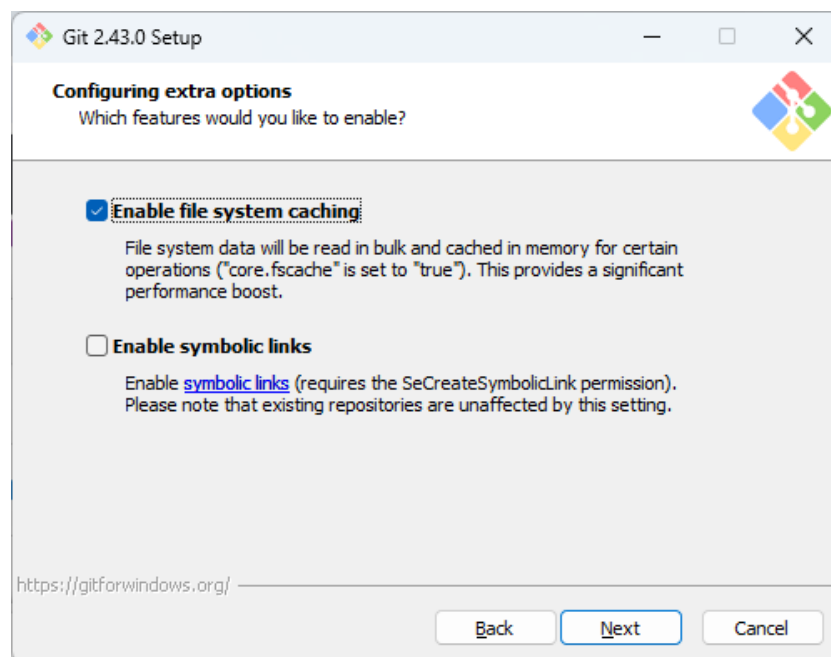


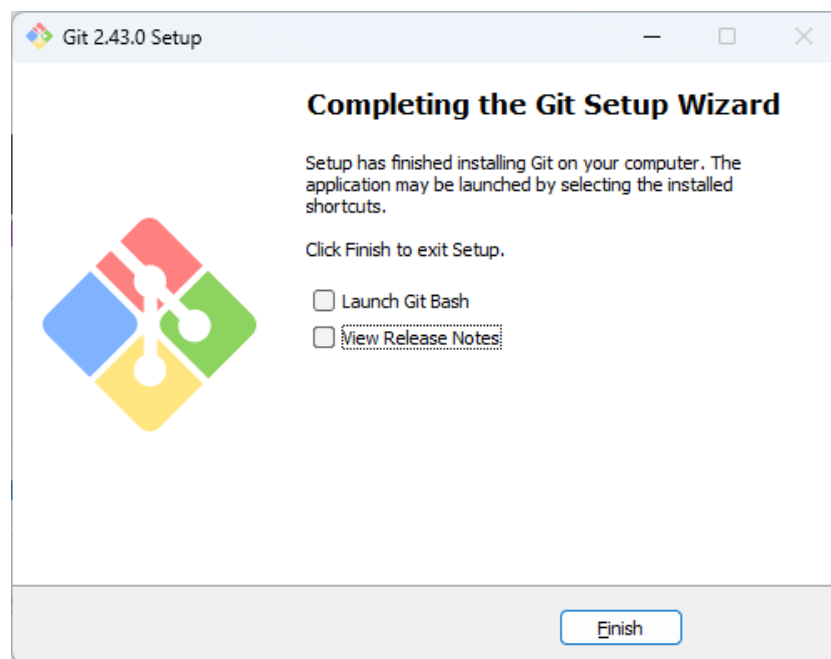






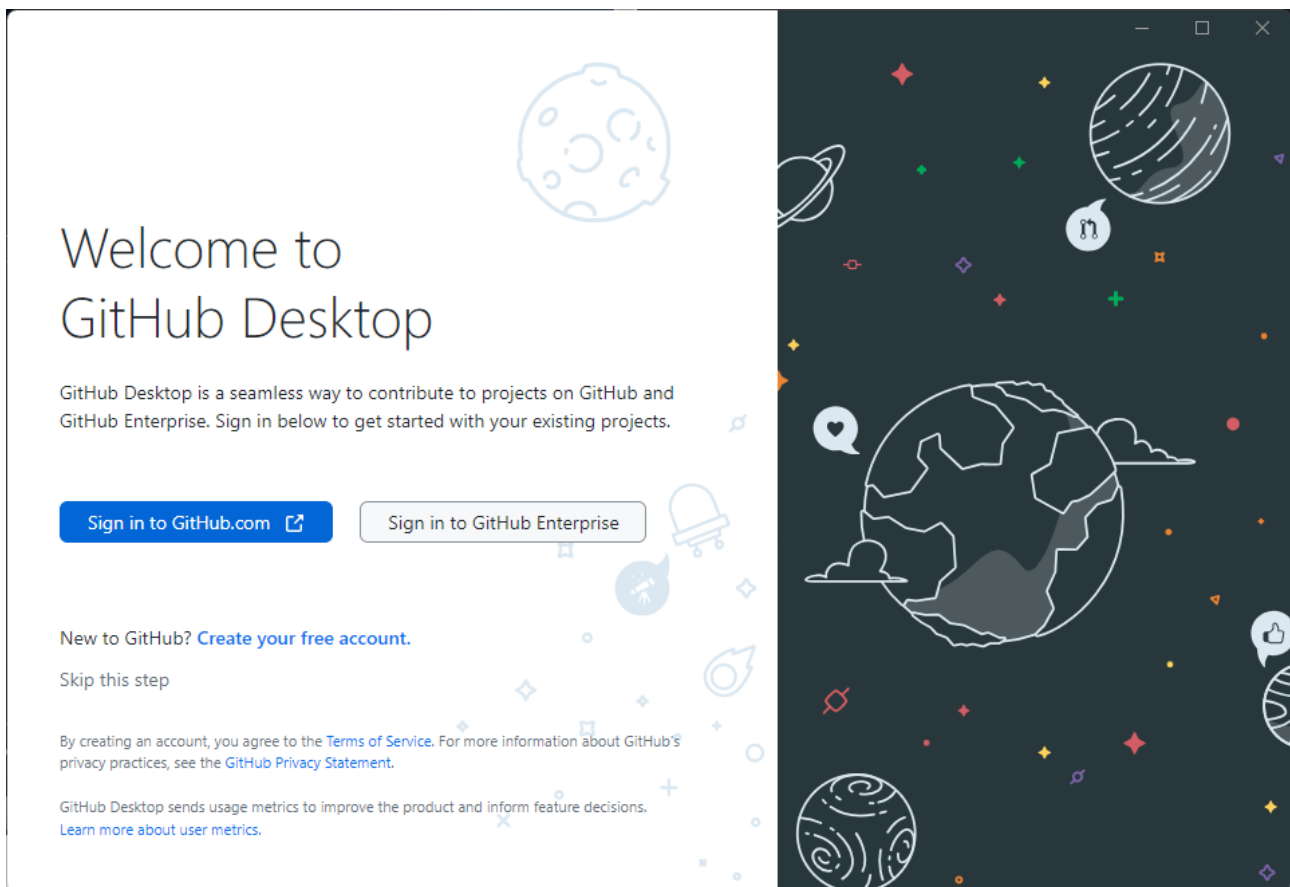
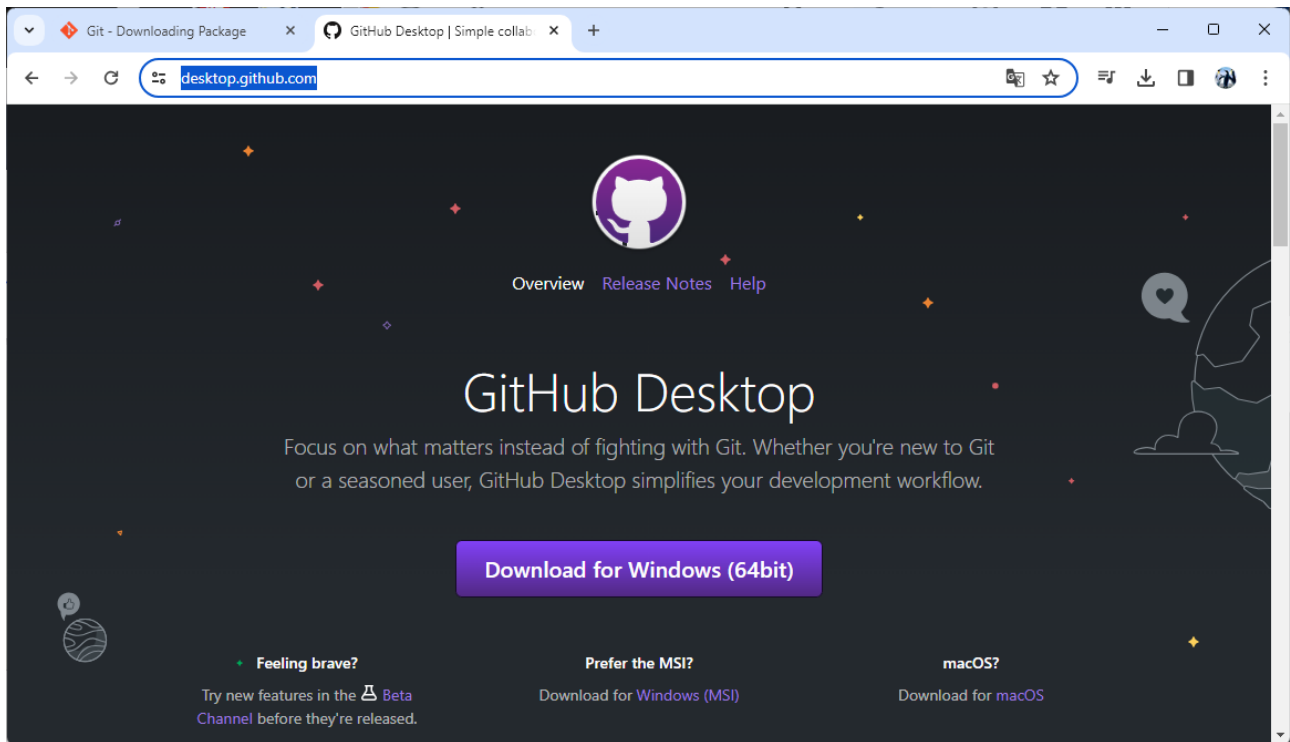






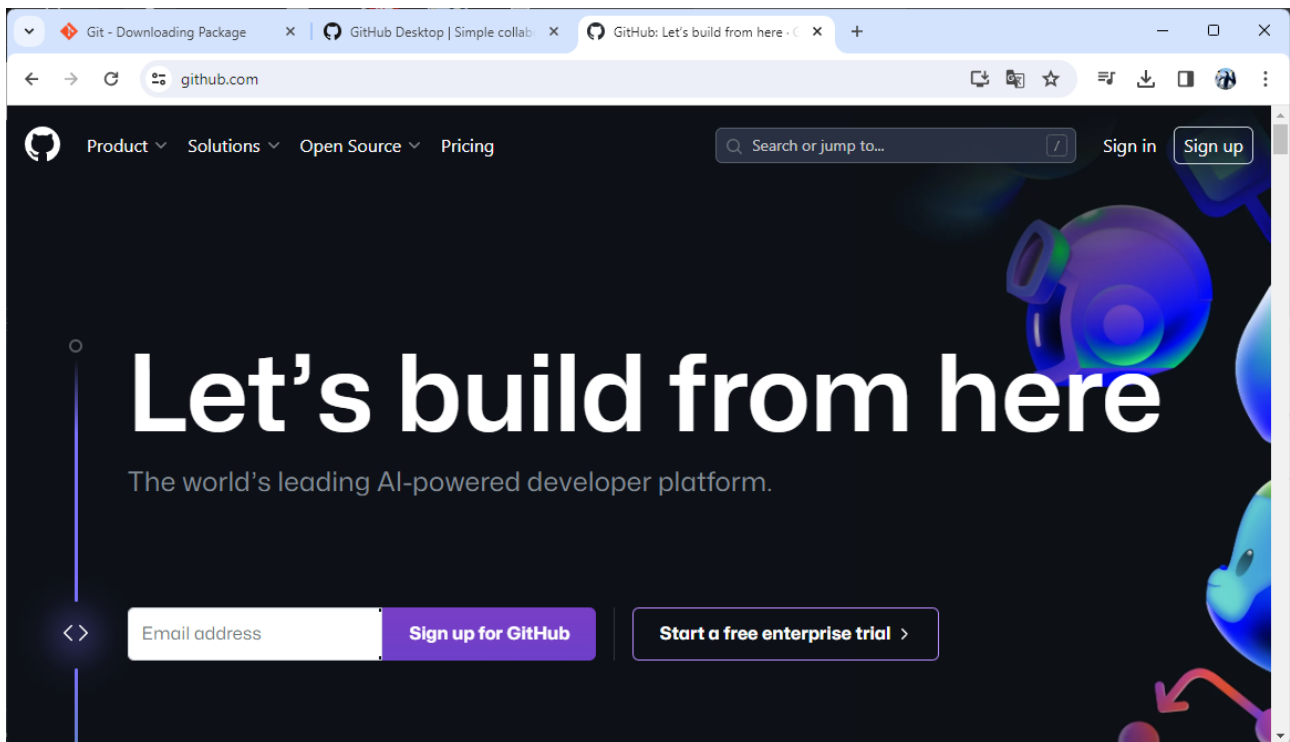
4. Aceder ao site <https://desktop.github.com/>

5. Download for Windows (64bit)

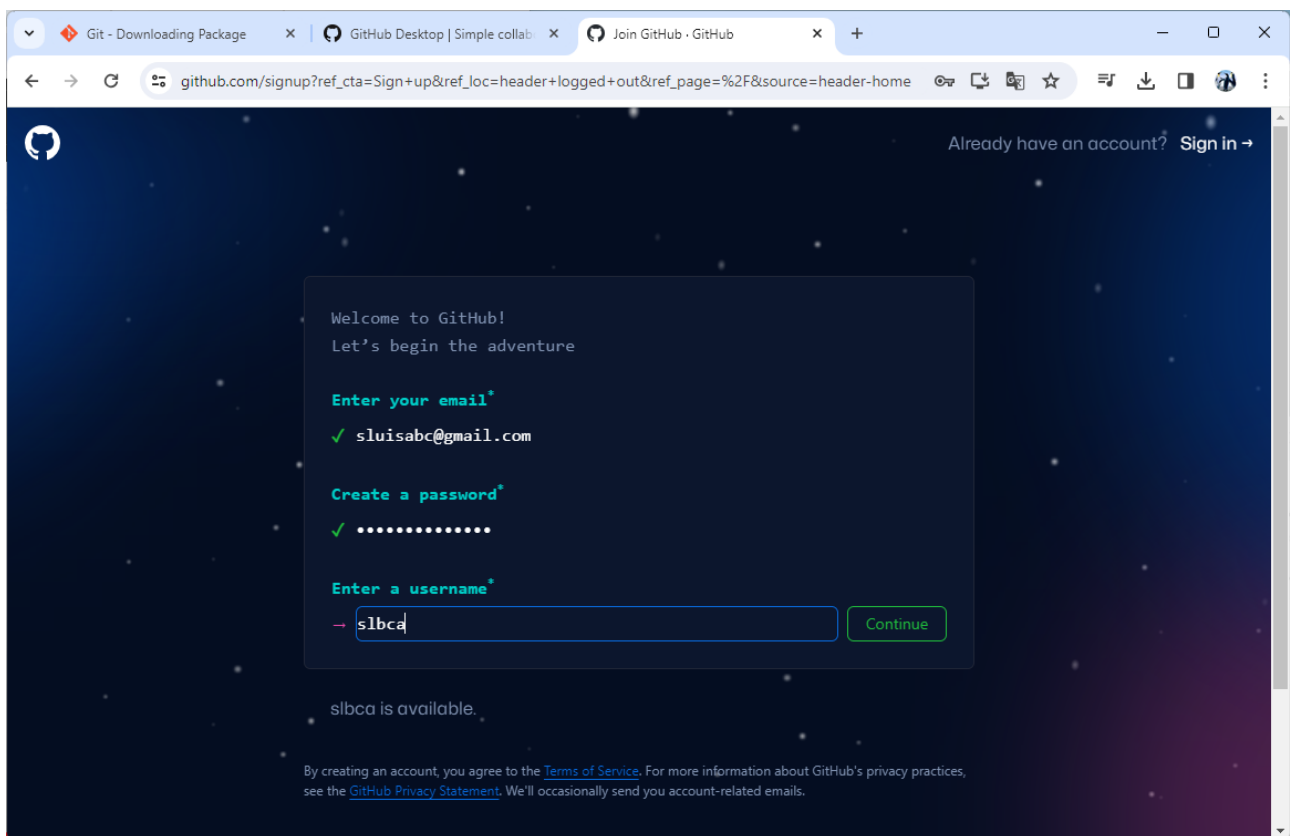


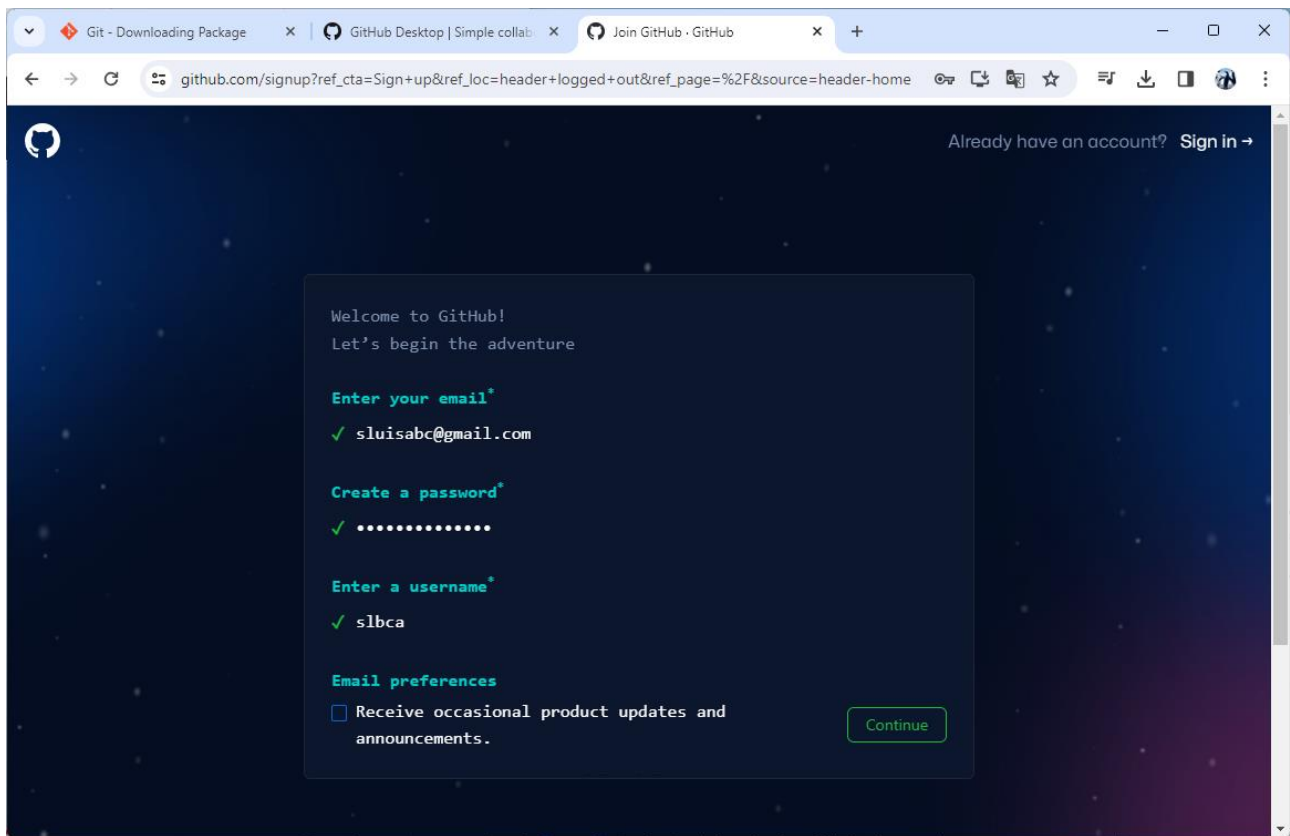
6. Criar uma conta no github

a) Aceder ao site <https://github.com/>



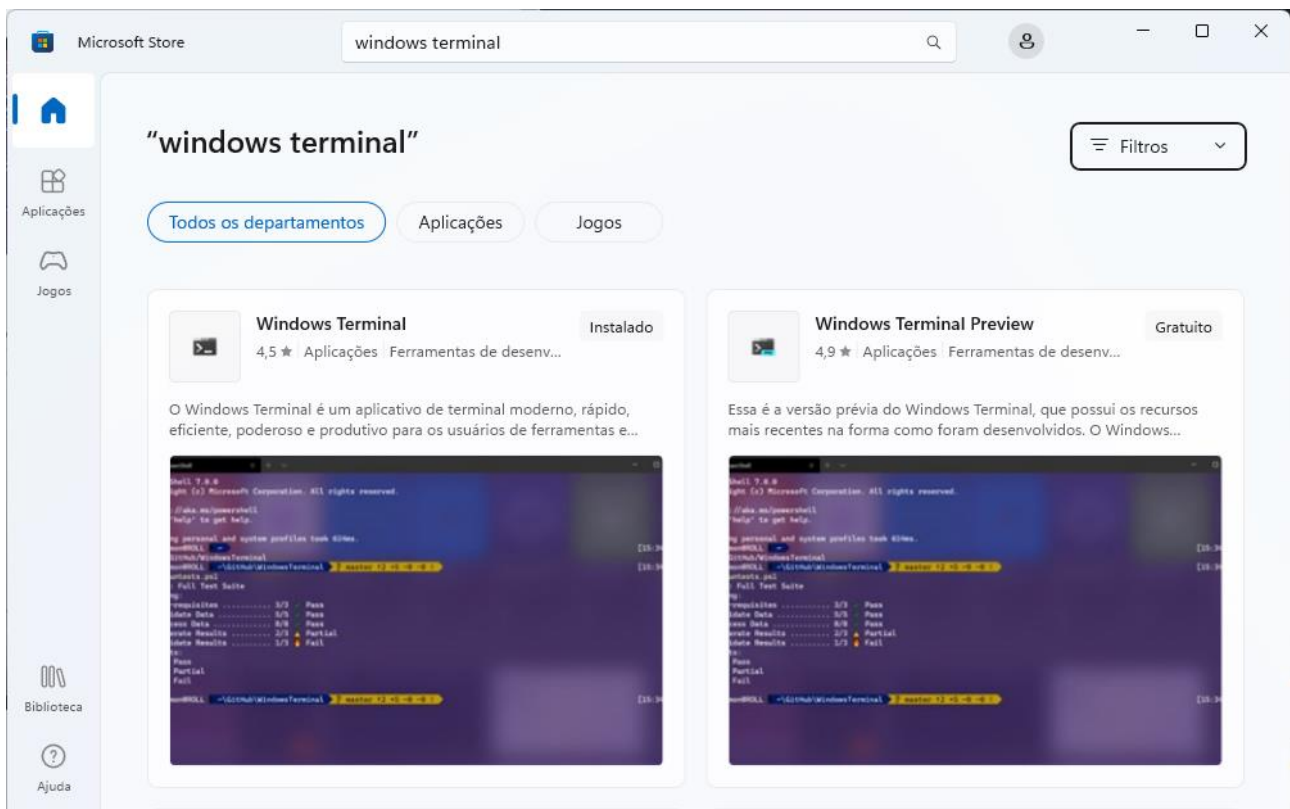
b) Clicar em **Sign up**



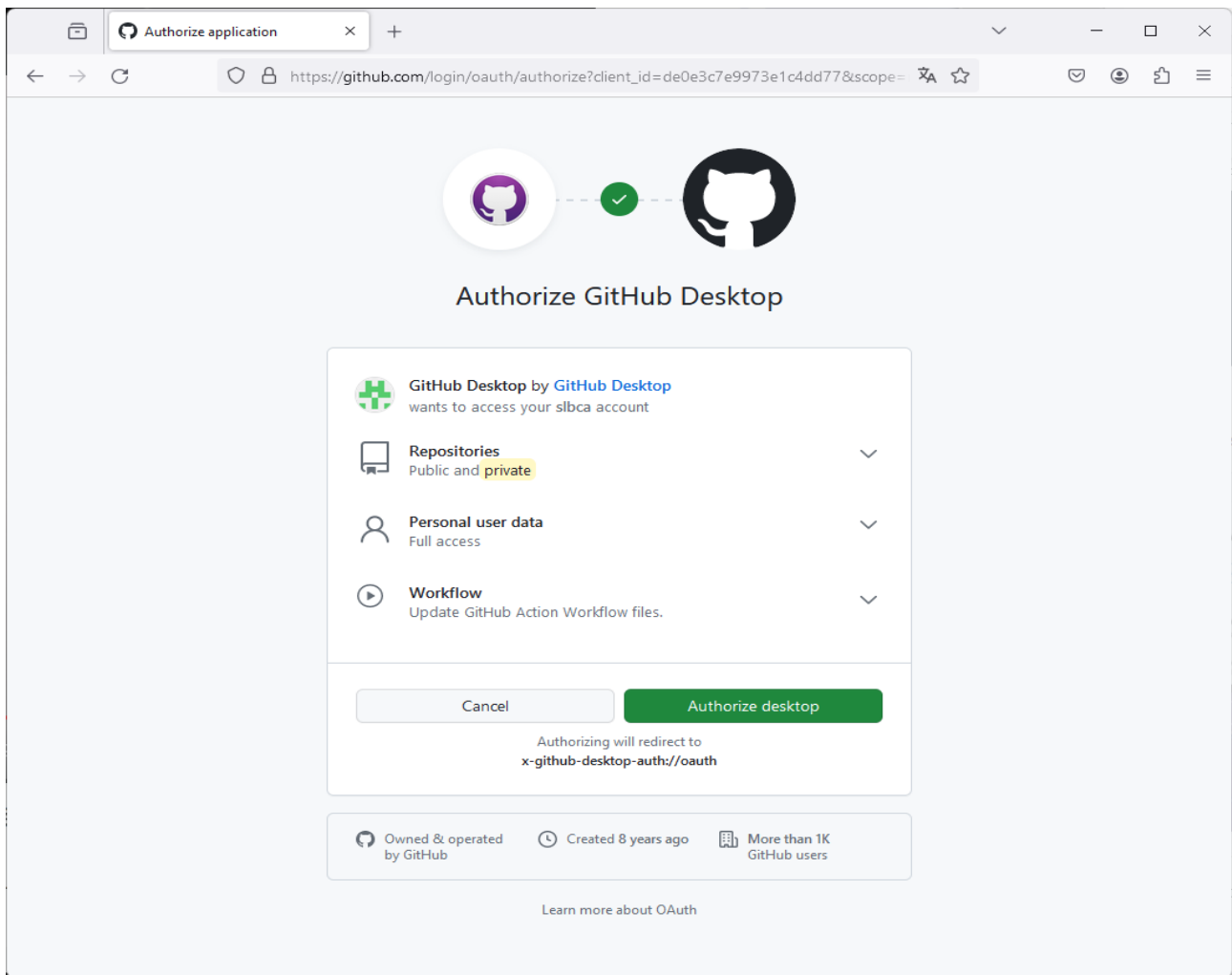


7. Instalar a Powershell

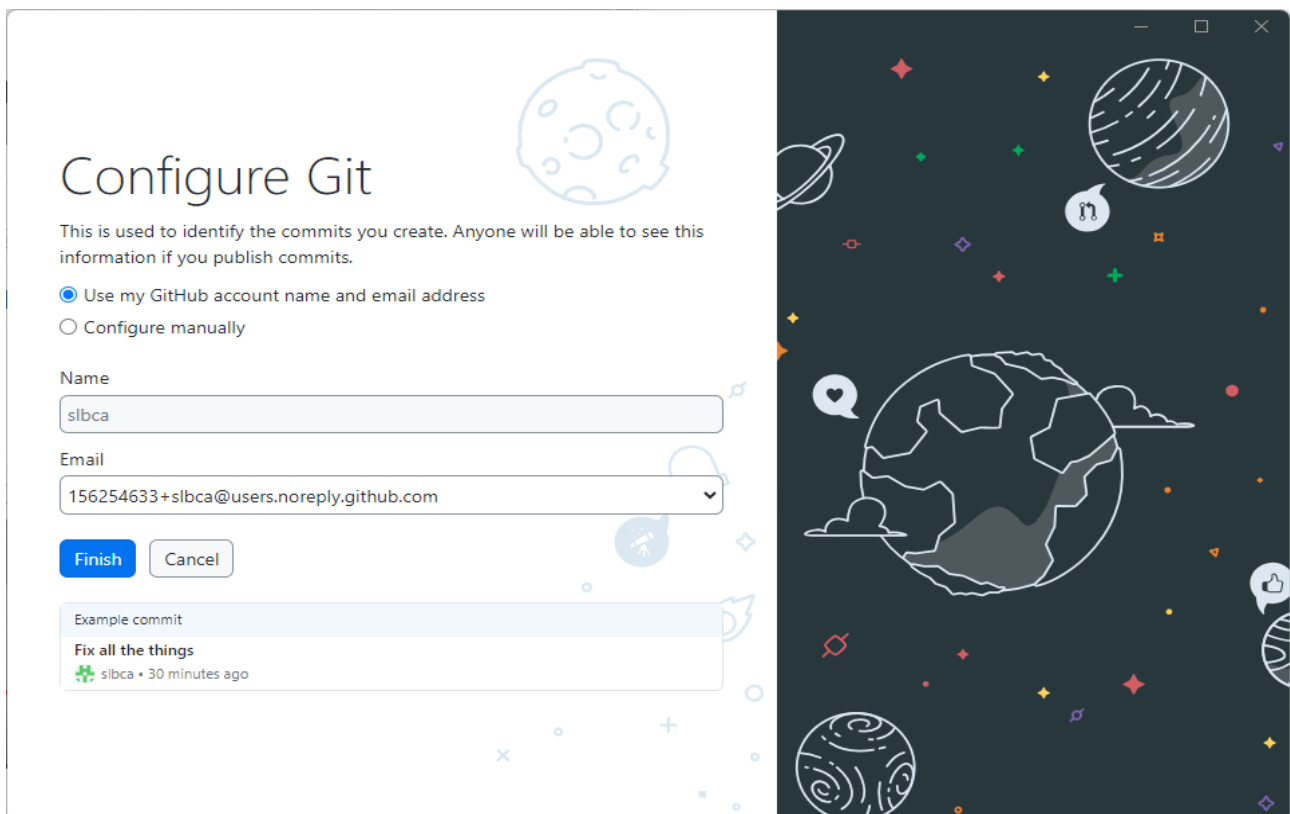
a) Procurar [Microsoft Store]

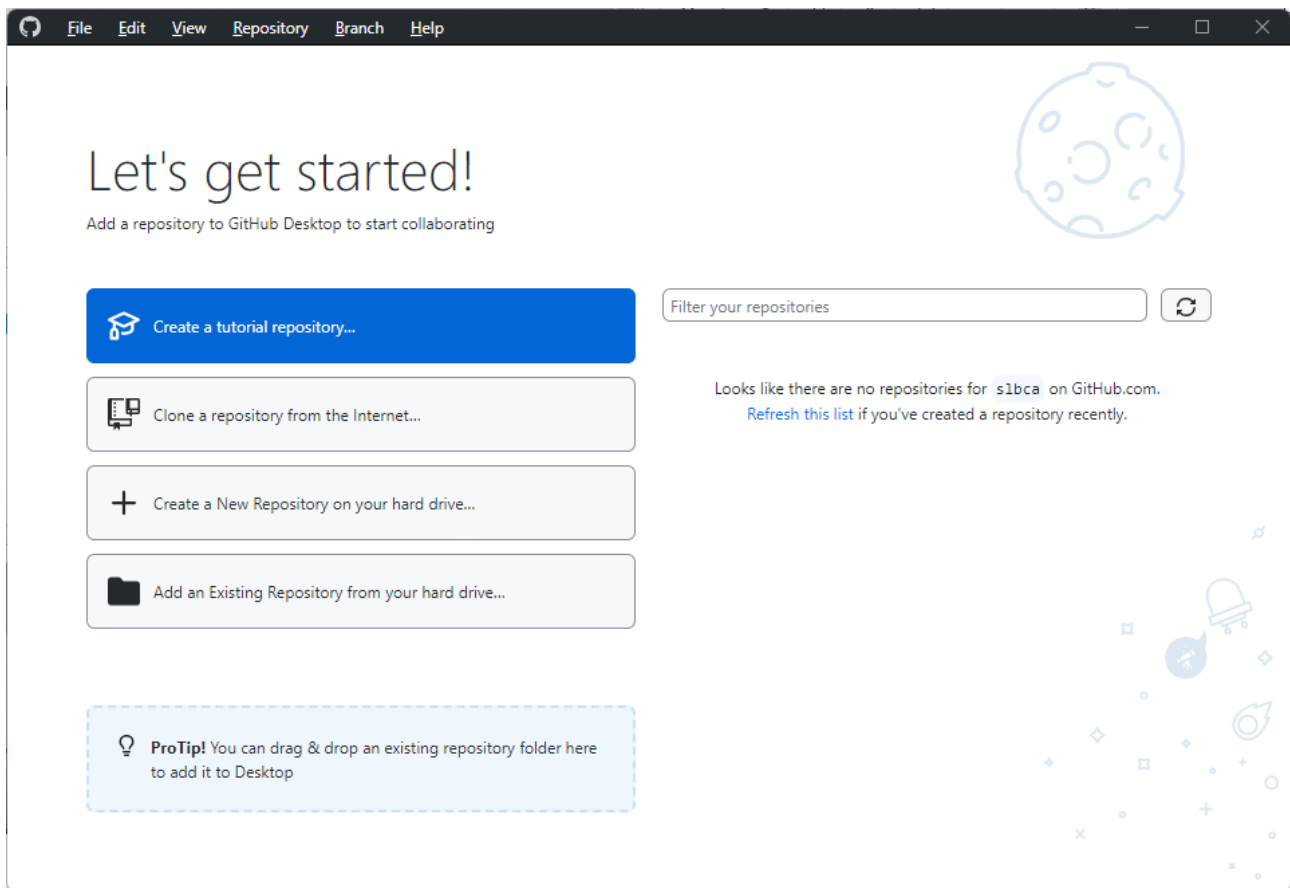


8. Entrar no gitHub com os dados da conta



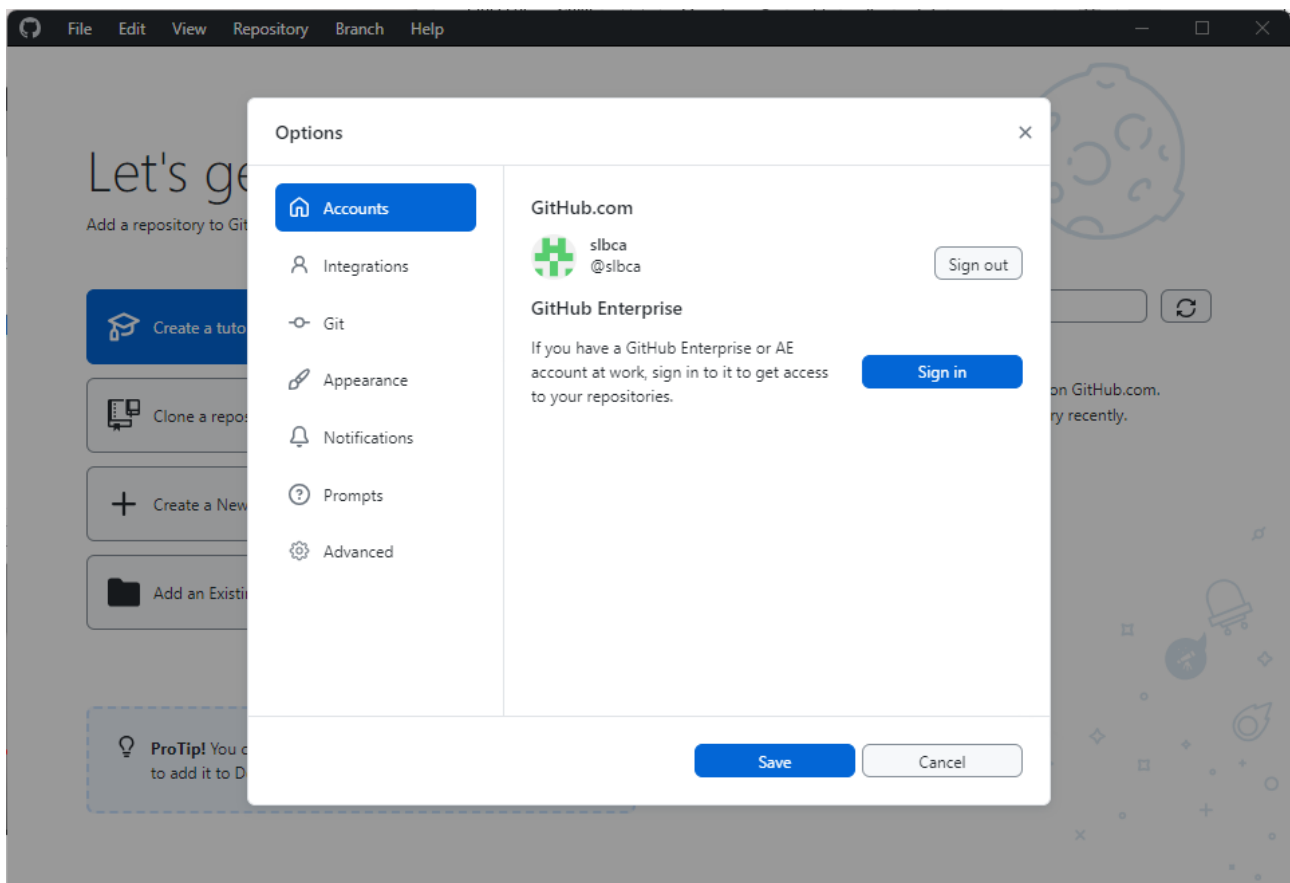
9. Configurar...



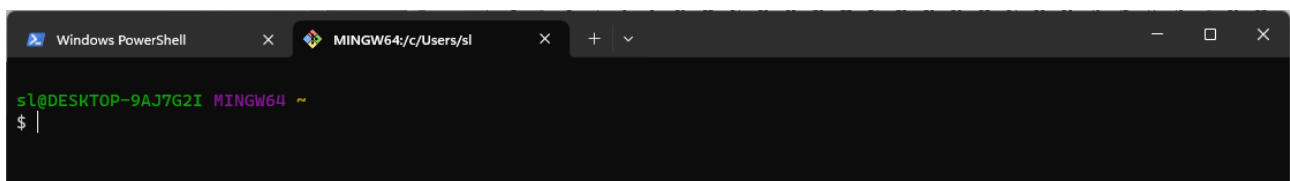
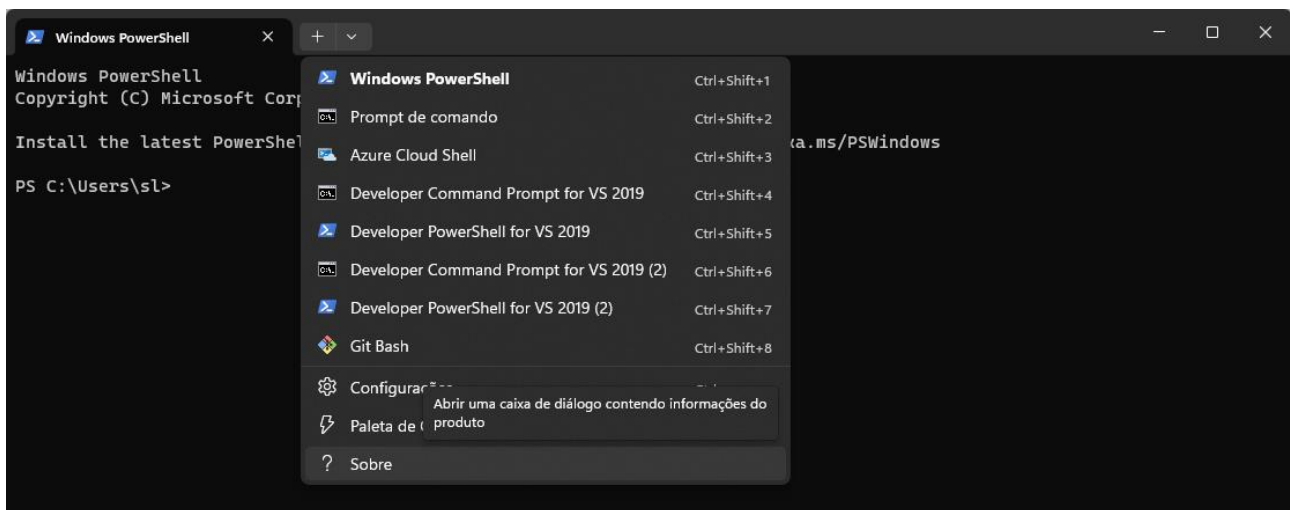
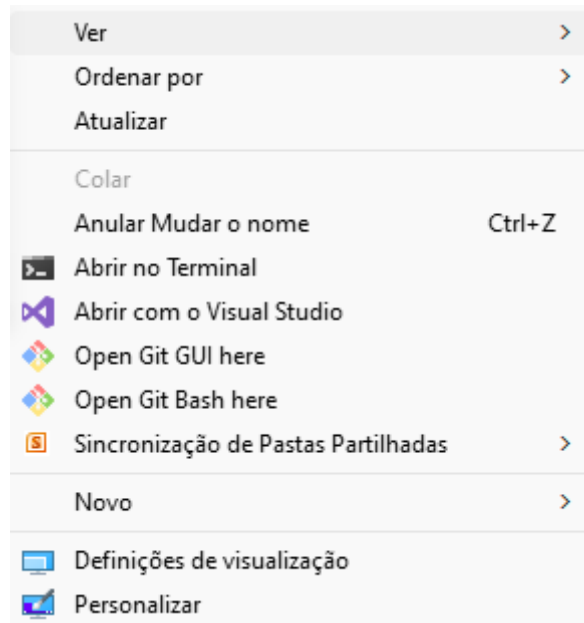


10. File > Options

Printscreen a enviar

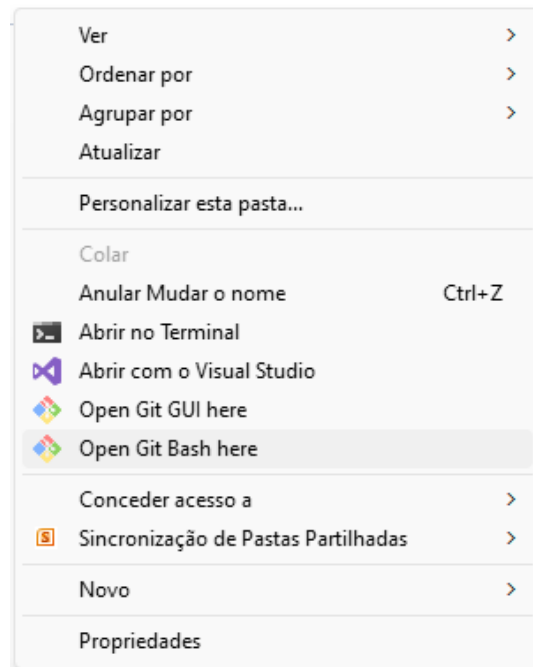


11. Aceder ao Git Bash



12. Criação de uma pasta

13. Clicar com o botão direito numa área qualquer da área de trabalho da pasta **Open GIT Bash here**



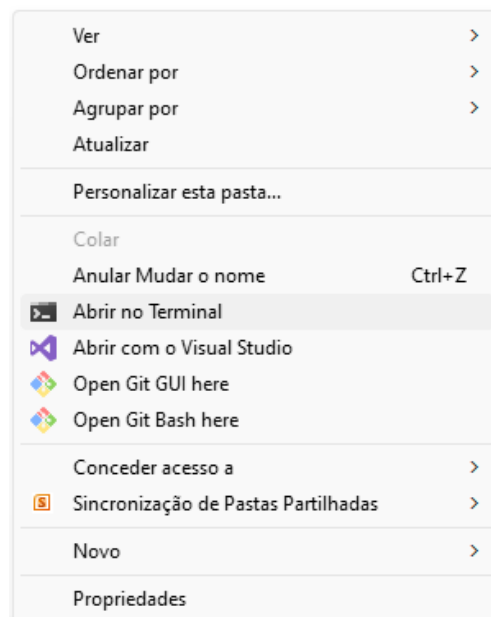
Só através da linha de comandos da GIT Bash é possível ter acesso a todos os comandos disponíveis.

A GIT Bash permite não só interagir com o git como também digitar comandos do sistema de ficheiros. Por exemplo: ls, dir, mkdir, cd, clear...

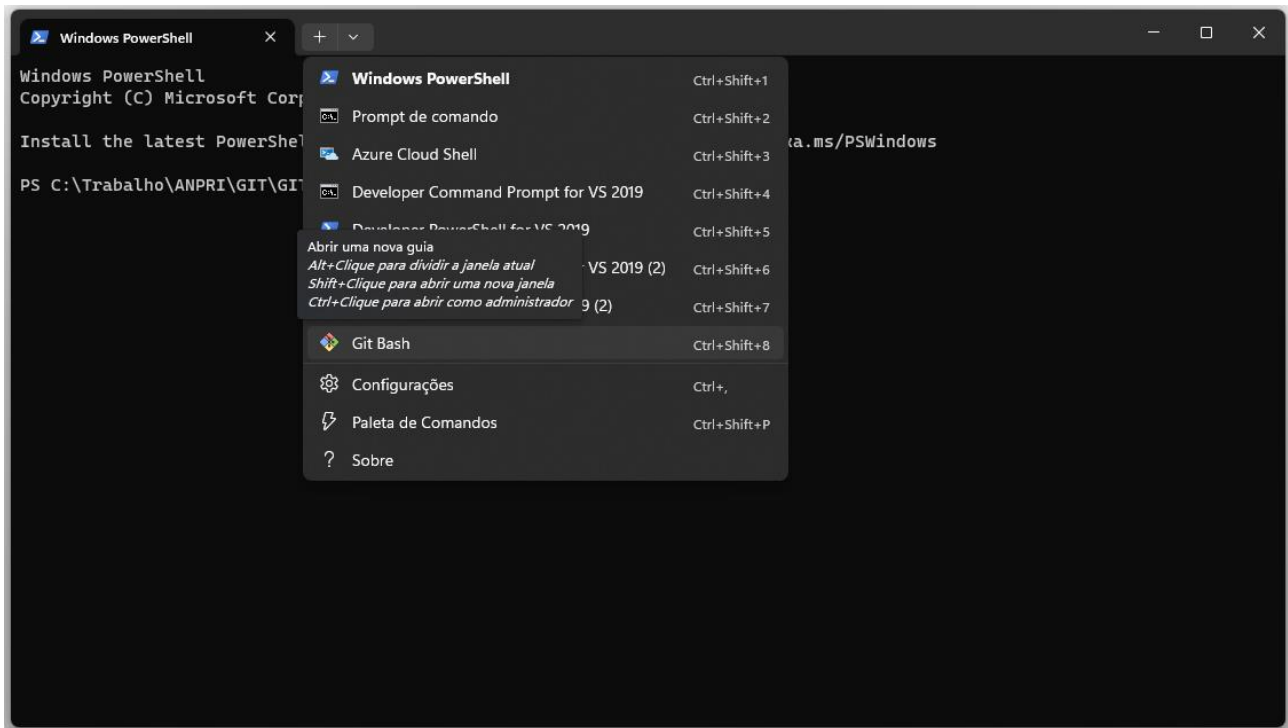
Para sair da Git Bash escrever o comando **exit**

Outra forma de interagir com o Gité através do Windows Terminal

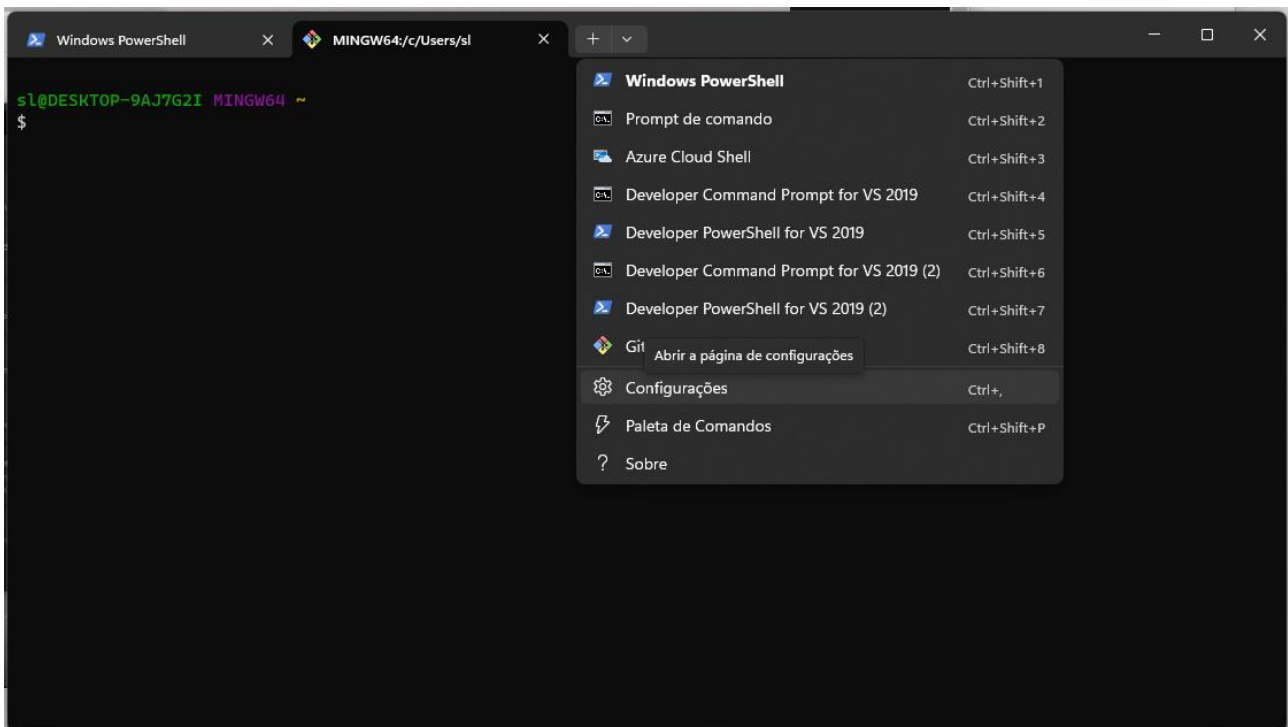
14. Clicar com o botão direito numa área qualquer da área de trabalho da pasta **Abrir no Terminal**



15. Na janela do **Windows PowerShell** clicar em  e clicar no comando **Git Bash**



16. Na janela do **Windows PowerShell** clicar em  e clicar em **configurações**.



17. Na janela **configurações** clicar em GITHUB e definir a aparência: tipo de letra, estilo,...

18. Para ir para a pasta do projeto ir à barra de endereços do Windows na pasta correta e na consola do Git digitar `cd "endereço da pasta"`



```
s1@DESKTOP-9AJ7G2I MINGW64 ~
$ hfjh
bash: hfjh: command not found

s1@DESKTOP-9AJ7G2I MINGW64 ~
$ cd "C:\Trabalho\ANPRI\GIT\GIT-Project-SL"
```

19. Alguns comandos

mkdir nome_da_pasta	cria uma pasta
cd nome_da_pasta	muda para a pasta especificada
ls ou dir	lista o conteúdo da pasta
cd ..	sobe um nível
clear	limpa o ecrã

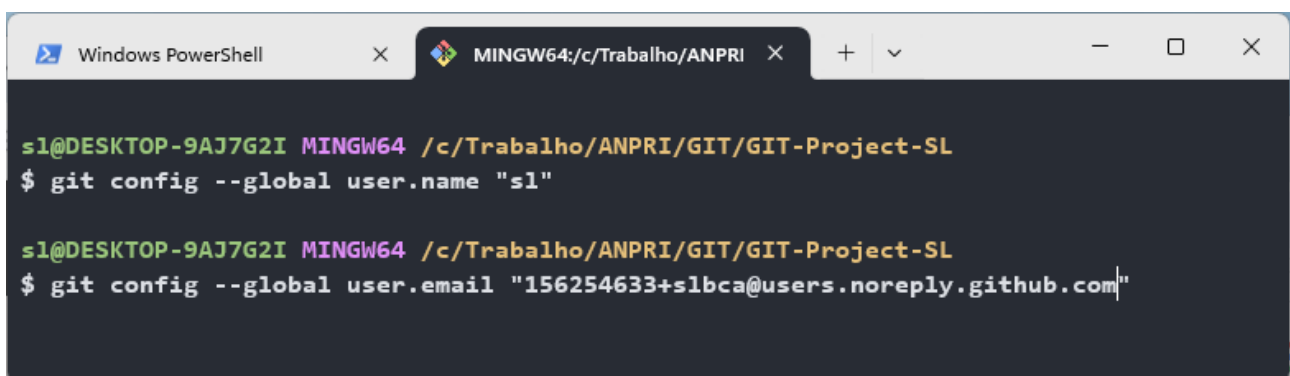
Os comandos introduzidos ficam no histórico e podem ser acedidos através das teclas direcionais.

Tecla **HOME** para ir para o início da linha de comandos.

Tecla **END** para ir para o fim da linha de comandos.

Botão direito do rato permite copiar o último texto copiado.

20. Usar o comando **git config** para configurar o nome e o email



```
s1@DESKTOP-9AJ7G2I MINGW64 /c/Trabalho/ANPRI/GIT/GIT-Project-SL
$ git config --global user.name "s1"

s1@DESKTOP-9AJ7G2I MINGW64 /c/Trabalho/ANPRI/GIT/GIT-Project-SL
$ git config --global user.email "156254633+s1bca@users.noreply.github.com"
```

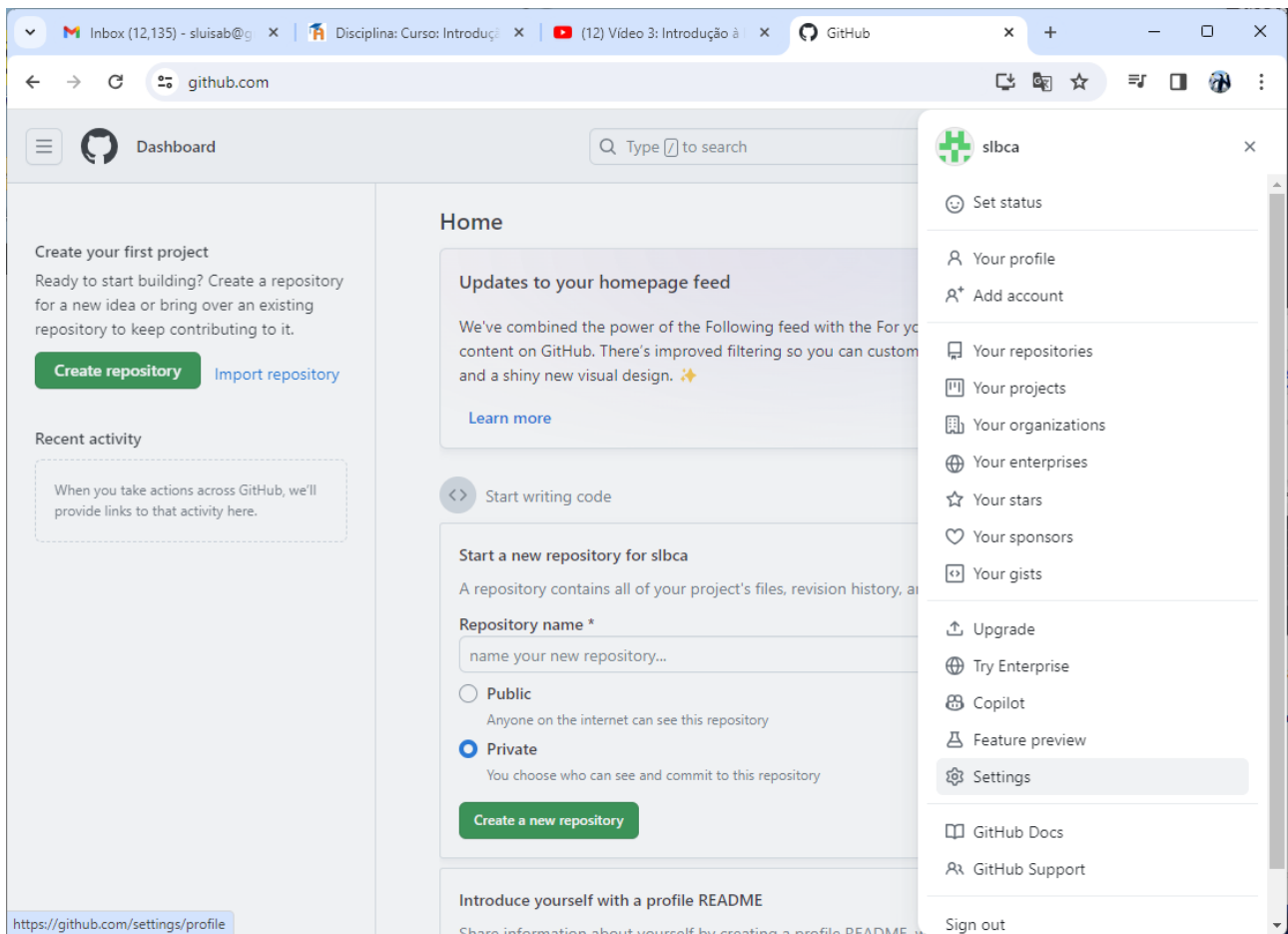
21. Usar o comando **git config --list** para ver as configurações na máquina.


```
Windows PowerShell x MINGW64:/c/Trabalho/ANPRI x + v - □ x
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
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=main
core.editor="C:\Users\sl\AppData\Local\Programs\Microsoft VS Code\bin\code" --wait
filter.lfs.required=true
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
user.name=sl
user.email=156254633+slbca@users.noreply.github.com
(END)
```

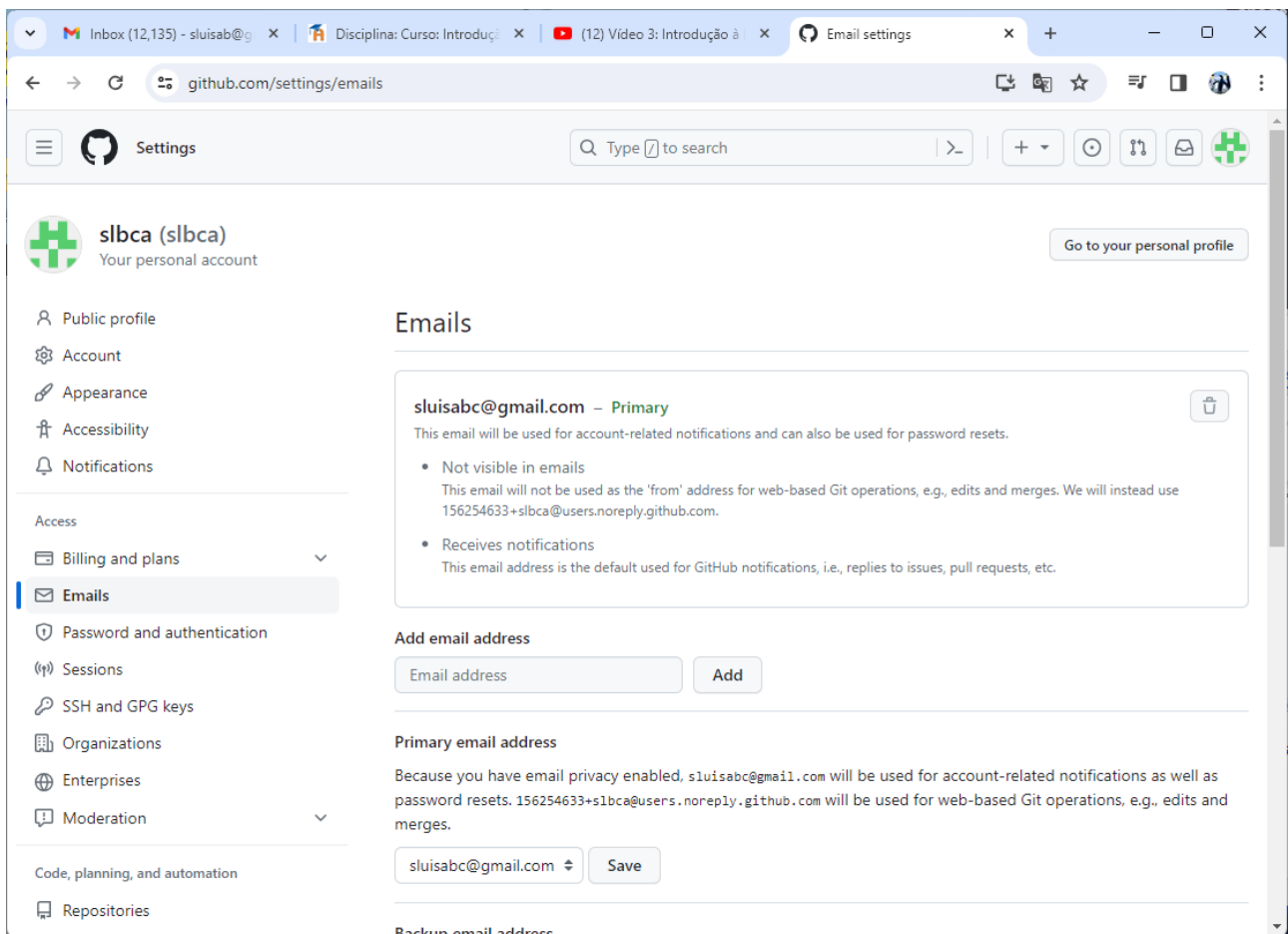
22. Para ver o email aceder ao git hub

23. <https://github.com/>

24. settings



25. Emails e voilà



26. Para ver uma configuração específica use o comando `git config --get user.email`