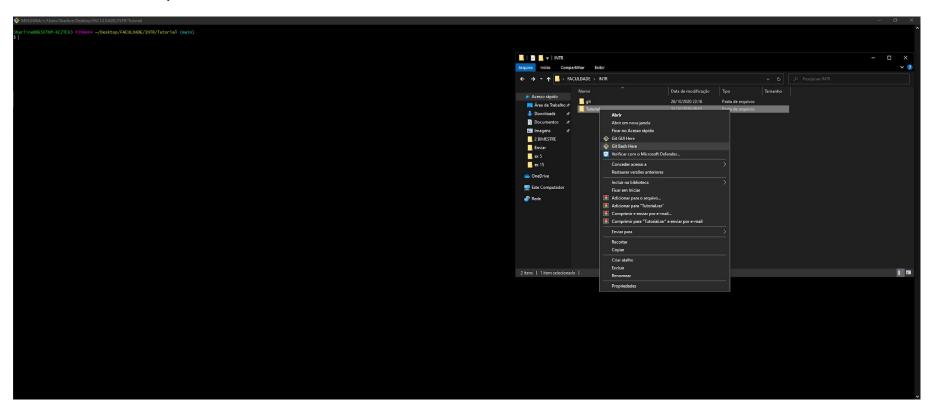
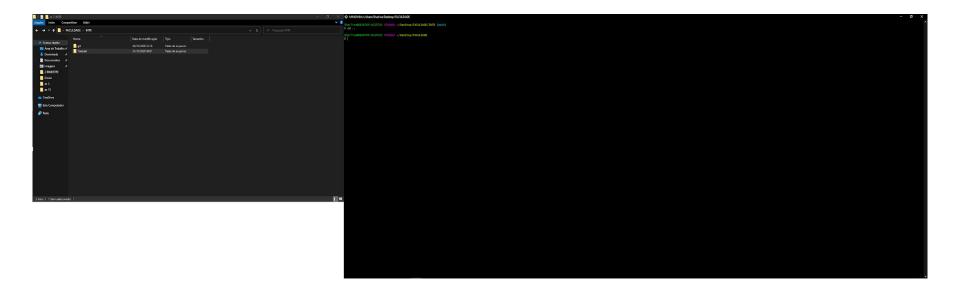
Criar uma nova pasta, clicar com botão direito e selecionar Git Bash Here, irá abrir o cmd.



Cd .. Volta o nível das pastas



Comando "Dir" mostra todas as subpastas e arquivos existentes

```
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR (main)
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE
ALG BD ENGLISH INTR LAB MKT S.O TEC\ COMP
 sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE
```

Comando "git init" cria um arquivo .git na pasta onde será salvo o arquivo

```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR (main)
$ cd ..
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE
ALG BD ENGLISH INTR LAB MKT S.O TEC\ COMP
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE
$ cd INTR
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR (main)
git Tutorial
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR (main)
 cd Tutorial
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (main)
$ git init
Initialized empty Git repository in C:/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial/.git/
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

A seguir deverá ser realizada a configuração do arquivo .git criado . Comando a ser utilizado será config --global user.(aqui devera ser posto o que sera configurado) ex: user.name adiciona nome do usuario, sempre entre " "

```
fINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
Sem\ título\ 2.oda
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 git init
Reinitialized existing Git repository in C:/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial/.git/
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 git config --global user.name
sharline vieira
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master) $ git config --global user.email sharlinev21@gmail.com
```

Comando "git config --list" lista todas as configurações

```
Sem\ título\ 2.odg
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ ait init
Reinitialized existing Git repository in C:/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial/.git/
 $ git config --global user.name
sharline vieira
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git config --global user.email
sharlinev21@gmail.com
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ 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/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
user.name=sharline vieira
user.email=sharlinev21@gmail.com
core.repositoryformatversion=0 core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
```

Comando "git status" Irá aparecer o status de cada arquivo criado na pasta, se está ou não incluso no git (obs: Criar um arquivo na pasta)

```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
  arline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
Reinitialized existing Git repository in C:/Users/Sharline/Desktop/FACULDADE/INT
 /Tutorial/.git/
  arline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
git config --global user.name
harline vieira
harline0DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
git config --global user.email
harlinev21&gmail.com
 narline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 git status
 n branch master
No commits yet
 othing to commit (create/copy files and use "git add" to track)
 narline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 n branch master
lo commits yet
 (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Para adicionar o arquivo criado ao git usa-se o comando "git add ." ou " git add -A" e para adicionar uma extensão "git add *txt", a seguir insira o comando status novamente

```
$ git config --global user.email
sharlinev21@gmail.com
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
On branch master
No commits yet
nothing to commit (create/copy files and use "git add" to track)
 $ git status
On branch master
No commits yet
Untracked files:
 (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
git add -A
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 git status
On branch master
No commits yet
Changes to be committed:
 (use "git rm --cached <file>..." to unstage)
      new file: Tutorial.txt
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Após inserir o arquivo .git, a seguir é preciso fazer com que seja gravado as alterações desse arquivo, usando o comando (git commit -m ") entre aspas será inserido a alteração feita no arquivo, ex git commit -m "Primeiro Commit"

```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
No commits yet
nothing to commit (create/copy files and use "git add" to track)
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git add -A
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git status
On branch master
No commits yet
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
new file: Tutorial.txt
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)

$ git commit -m "Primeiro Commit"
[master (root-commit) 4b5cf3b] Primeiro Commit
1 file changed, 1 insertion(+)
create mode 100644 Tutorial.txt
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Quando os arquivos sofrem alterações execute o comando git status para verificação

```
harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
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)
no changes added to commit (use "git add" and/or "git commit -a")
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Adicione novamente "git add -A", ou então na modificação pode-se colocar "git commit -am "Alteracao primeiro commit" ele commita e adiciona

```
harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (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)
no changes added to commit (use "git add" and/or "git commit -a")
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git add -A
$ git status
On branch master
Changes to be committed:
 (use "git restore --staged <file>..." to unstage)
       modified: Tutorial.txt
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Para ver históricos de alterações, comando "git log"

```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (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)
no changes added to commit (use "git add" and/or "git commit -a")
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
git add -A
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git status
On branch master
Changes to be committed:
 (use "git restore --staged <file>..." to unstage)
        modified: Tutorial.txt
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 git log
 commit 4b5cf3b96ec6fb629190666bb881578a13909d23 (HEAD -> master)
Author: sharline vieira <sharlinev21@gmail.com>
Date: Sat Oct 31 09:20:28 2020 -0300
    Primeiro Commit
```

Adicionado dois novos arquivos a pasta e commitados

```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git status
On branch master
Untracked files:
 (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git add .
 sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git status
On branch master
Changes to be committed:
 (use "git restore --staged <file>..." to unstage)
   new file: "Sharline Vieira - 1\302\260 Atividade segundo bimestre.pdf"
         new file: tutorial 2.txt
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Volta a alteração um passo antes do commit, "git reset -- hard", copie o código do commit no log selecionando onde será restaurada a alteração

```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 ommit 8bfab6382c9433371ef351883ded444710ba74cc (HEAD -> master)
Author: sharline vieira <sharlinev21@gmail.com>
Date: Sat Oct 31 09:56:57 2020 -0300
   Novas insercoes
 ommit 717004554ebcb2212b6c37fc8080074e26c5b374
Author: sharline vieira <sharlinev21@gmail.com>
Date: Sat Oct 31 09:53:04 2020 -0300
   Adicionado novo arquivo
commit 4b5cf3b96ec6fb629190666bb881578a13909d23
Author: sharline vieira <sharlinev21@gmail.com>
Date: Sat Oct 31 09:20:28 2020 -0300
   Primeiro Commit
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git reset --hard 717004554ebcb2212b6c37fc8080074e26c5b374
HEAD is now at 7170045 Adicionado novo arquivo
```

Para criar um Branch de cópia, comando "git branch" e o nome do novo branch

```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
fatal: A branch named 'tutorial1' already exists.
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
 git branch
 master
tutorial1
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Para trocar o branch do master para outra cópia, usa-se o comando "git checkout (nome do branch)"

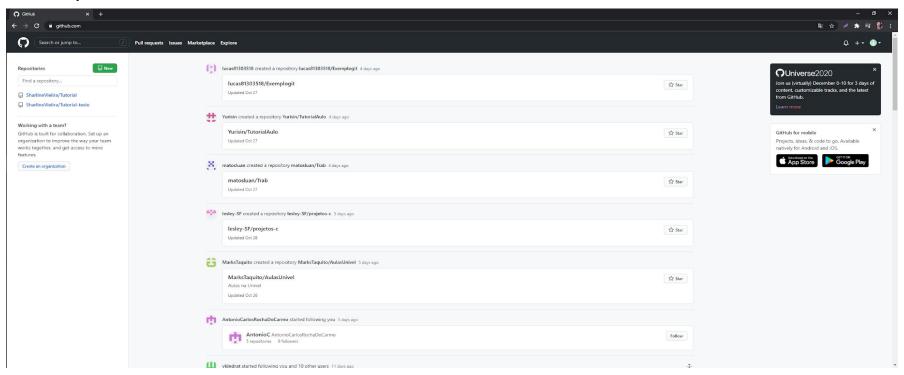
```
harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git checkout Tutorial1
Switched to branch 'Tutorial1'
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (Tutorial1)
 git branch
 master
 tutorial1
 Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (Tutorial1)
```

Modificado arquivo no novo branch

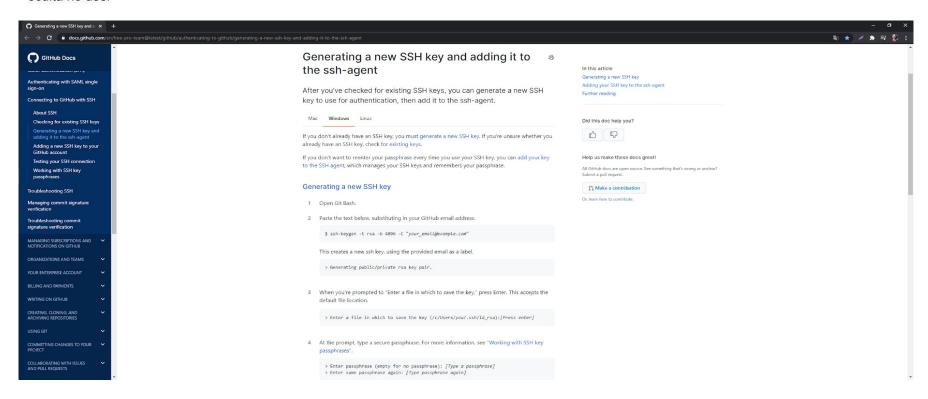
```
MINGW64:/c/Users/Sharline/Desktop/FACULDADE/INTR/Tutorial
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git checkout Tutorial1
Switched to branch 'Tutorial1'
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (Tutorial1)
 git branch
  master
tutorial1
  harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (Tutorial1)
$ git status
On branch Tutorial1
Changes not staged for commit:

(use "git add <file>..." to update
what will be committed)
  (use "git restore <file>..." to dis
card changes in working directory)
no changes added to commit (use "git add" and/or "git commit -a")
 harline@DESKTOP-KC2TCU3 MINGW64 ~/De
 ktop/FACULDADE/INTR/Tutorial (Tutori
$ git add .
 harline@DESKTOP-KC2TCU3 MINGW64 ~/De
 ktop/FACULDADE/INTR/Tutorial (Tutori
git commit -m "Alterado no branch T
utoriall linha 5"
[Tutorial1 a58e656] Alterado no branc
ĥ Tutorial1 linha 5
 1 file changed, 4 insertions(+), 1 d
eletion(-)
 harline@DESKTOP-KC2TCU3 MINGW64 ~/De
 sktop/FACULDADE/INTR/Tutorial (Tutori
```

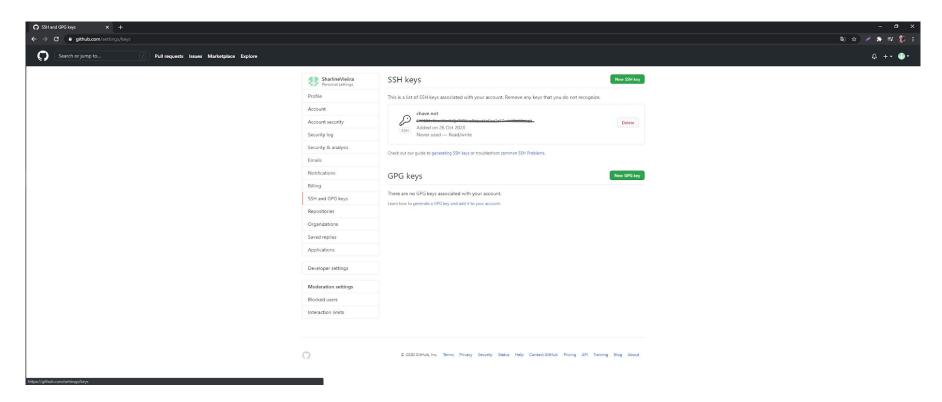
A seguir iremos ao site github.com onde criaremos uma conta e adicionaremos um repositório, "New"



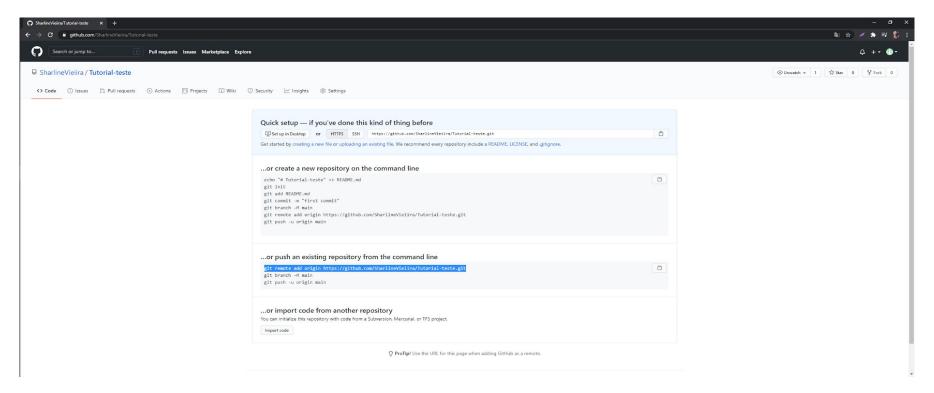
No nosso terminal Git Bash iremos criar uma chave de criptografia, copie o texto \$ ssh-keygen -t rsa -b 4096 -C "<u>your email@example.com</u>" substituindo seu email correto, irá gerar uma chave privada e uma pública, ficando salva em uma pasta SSH oculta no user



Inserir chave no perfil Github: setting, SSH and GPG keys



No terminal Git inserimos o nosso endereço, que foi criado no Hub, enviando para o servidor remoto



Após faremos o comando "git remote -v" para vermos se os arquivos gravaram no remote

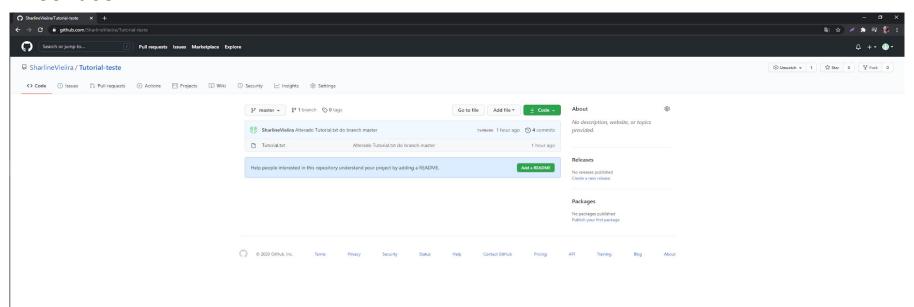
```
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)

$ git remote add origin https://github.com/Sharlinevieiira/Tutorial-teste.git
   harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
  git remote -v
origin https://github.com/SharlineVieiira/Tutorial-teste.git (fetch) origin https://github.com/SharlineVieiira/Tutorial-teste.git (push)
  harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Para enviar os arquivos para o servidor remoto usa-se o comando "git push -u origin master" enviaremos do master para o origin

```
Sharline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git remote add origin https://github.com/SharlineVieiira/Tutorial-teste.git
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
  git remote -v
origin https://github.com/SharlineVieiira/Tutorial-teste.git (fetch)
origin https://github.com/SharlineVieiira/Tutorial-teste.git (push)
 harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
$ git push -u origin master
 Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (12/12), 1.03 KiB | 117.00 KiB/s, done.
Total 12 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/SharlineVieiira/Tutorial-teste.git
 * [new branch]
                      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

Quando atualizarmos a pagina do github.com estaremos com os arquivos inseridos



Para ignorar algum tipo de arquivo para nao ir ao github, criar arquivo ".gitignore" onde será listado os arquivos a serem ignorados

```
Your branch is up to date with 'origin/master'.
 (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
harline@DESKTOP-KC2TCU3 MINGW64 ~/Desktop/FACULDADE/INTR/Tutorial (master)
```

Para que o arquivo nao suba para o remoto, iremos incluir os nomes desses arquivos no nosso .gitignore

