

Projeto Final

Relatório Final Das

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Código Utilizado

Parte 1:

```
C:\Users\costa>git clone https://github.com/Cjld17/PFinal.git
Cloning into 'PFinal'...
warning: You appear to have cloned an empty repository.
```

```
C:\Users\costa>cd PFinal
```

```
C:\Users\costa\PFinal>git flow init
No branches exist yet. Base branches must be created now.
Branch name for production releases: [master]
Branch name for "next release" development: [develop]
```

```
How to name your supporting branch prefixes?
Feature branches? [feature/]
Bugfix branches? [bugfix/]
Release branches? [release/]
Hotfix branches? [hotfix/]
Support branches? [support/]
Version tag prefix? []
Hooks and filters directory? [C:/Users/costa/PFinal/.git/hooks]
```

```
C:\Users\costa\PFinal>git branch texto.txt
```

```
C:\Users\costa\PFinal>git push origin master
Enumerating objects: 2, done.
Counting objects: 100% (2/2), done.
Writing objects: 100% (2/2), 174 bytes | 174.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Cjld17/PFinal.git
* [new branch] master -> master
```

```
C:\Users\costa\PFinal>touch .gitignore
'touch' is not recognized as an internal or external command,
operable program or batch file.
```

```
C:\Users\costa\PFinal>echo > .gitignore
```

```
C:\Users\costa\PFinal>git add .gitignore
```

```
C:\Users\costa\PFinal>git commit -m "Adicionando arquivo .gitignore para ignorar arquivos .docx e .doc"
[develop b4544d4] Adicionando arquivo .gitignore para ignorar arquivos .docx e .doc
1 file changed, 3 insertions(+)
create mode 100644 .gitignore
```

```
C:\Users\costa\PFinal>git push origin master
Everything up-to-date
```

```
C:\Users\costa\PFinal>git checkout develop
Already on 'develop'
```

```
C:\Users\costa\PFinal>echo. > relatorio.txt
```

```
C:\Users\costa\PFinal>git add relatorio.txt
```

```
C:\Users\costa\PFinal>git commit -m "Adicionar arquivo inicial do relatório"
[develop 9b1fb58] Adicionar arquivo inicial do relatório
1 file changed, 1 insertion(+)
create mode 100644 relatorio.txt
```

```
C:\Users\costa\PFinal>
```

Parte 2:

```
C:\Users\costa>cd Pfinal
```

```
C:\Users\costa\PFinal>git checkout develop  
Switched to branch 'develop'
```

```
C:\Users\costa\PFinal>git tag -a New -m "Versão inicial: New"
```

```
C:\Users\costa\PFinal>git push origin --tags  
Enumerating objects: 8, done.  
Counting objects: 100% (8/8), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (4/4), done.  
Writing objects: 100% (7/7), 734 bytes | 367.00 KiB/s, done.  
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To https://github.com/Cjld17/PFinal.git  
* [new tag]      New -> New
```

```
C:\Users\costa\PFinal>git tag -a Final -m "Versão inicial: Final"
```

```
C:\Users\costa\PFinal>git push origin --tags  
Enumerating objects: 1, done.  
Counting objects: 100% (1/1), done.  
Writing objects: 100% (1/1), 178 bytes | 178.00 KiB/s, done.  
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To https://github.com/Cjld17/PFinal.git  
* [new tag]      Final -> Final
```

```
C:\Users\costa\PFinal>git flow hotfix start Critical_Fix develop  
Switched to a new branch 'hotfix/Critical_Fix'
```

Summary of actions:

- A new branch 'hotfix/Critical_Fix' was created, based on 'develop'
- You are now on branch 'hotfix/Critical_Fix'

Follow-up actions:

- Start committing your hot fixes
- Bump the version number now!
- When done, run:

```
git flow hotfix finish 'Critical_Fix'
```

```
C:\Users\costa\PFinal>git flow hotfix finish Critical_Fix  
fatal: no tag message?  
Fatal: Tagging failed. Please run finish again to retry.
```

```
C:\Users\costa\PFinal>git checkout master  
Switched to branch 'master'
```

```
C:\Users\costa\PFinal>git merge New  
Already up to date.
```

```
C:\Users\costa\PFinal>git push origin master  
Enumerating objects: 1, done.  
Counting objects: 100% (1/1), done.  
Writing objects: 100% (1/1), 234 bytes | 234.00 KiB/s, done.  
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To https://github.com/Cjld17/PFinal.git  
c4be240..c194c9f master -> master
```

```
C:\Users\costa\PFinal>git merge Final  
Already up to date.
```

```
C:\Users\costa\PFinal>git push origin master  
Everything up-to-date
```

```
C:\Users\costa\PFinal>git flow hotfix publish Critical_Fix  
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
remote:  
remote: Create a pull request for 'hotfix/Critical_Fix' on GitHub by visiting:  
remote:   https://github.com/Cjld17/PFinal/pull/new/hotfix/Critical_Fix
```

remote:

To <https://github.com/Cjld17/PFinal.git>

```
* [new branch]    hotfix/Critical_Fix -> hotfix/Critical_Fix
branch 'hotfix/Critical_Fix' set up to track 'origin/hotfix/Critical_Fix'.
Switched to branch 'hotfix/Critical_Fix'
Your branch is up to date with 'origin/hotfix/Critical_Fix'.
```

Summary of actions:

- The remote branch 'hotfix/Critical_Fix' was created or updated
- The local branch 'hotfix/Critical_Fix' was configured to track the remote branch
- You are now on branch 'hotfix/Critical_Fix'

```
C:\Users\costa\PFinal>git flow hotfix start Emergency_patch develop
```

Fatal: There is an existing hotfix branch 'Critical_Fix'. Finish that one first.

```
C:\Users\costa\PFinal>git flow finish Critical_Fix develop
```

fatal: no tag message?

Fatal: Tagging failed. Please run finish again to retry.

```
C:\Users\costa\PFinal>git flow finish hotfix Critical_Fix develop
```

Fatal: Branch 'hotfix/hotfix' does not exist and is required.

```
C:\Users\costa\PFinal>git checkout Critical_Fix
```

error: pathspec 'Critical_Fix' did not match any file(s) known to git

```
C:\Users\costa\PFinal>git checkout hotfix/Critical_Fix
```

Already on 'hotfix/Critical_Fix'

Your branch is up to date with 'origin/hotfix/Critical_Fix'.

```
C:\Users\costa\PFinal>git flow feature start Security
```

Switched to a new branch 'feature/Security'

Summary of actions:

- A new branch 'feature/Security' was created, based on 'develop'
- You are now on branch 'feature/Security'

Now, start committing on your feature. When done, use:

```
git flow feature finish Security
```

```
C:\Users\costa\PFinal>git flow feature pull origin Security
```

The command 'git flow feature pull' will be deprecated per version 2.0.0. Use 'git flow feature track' instead.

fatal: couldn't find remote ref feature/Security

Fatal: Failed to pull from remote 'origin'.

```
C:\Users\costa\PFinal>git flow feature publish Security
```

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

remote:

remote: Create a pull request for 'feature/Security' on GitHub by visiting:

remote: <https://github.com/Cjld17/PFinal/pull/new/feature/Security>

remote:

To <https://github.com/Cjld17/PFinal.git>

```
* [new branch]    feature/Security -> feature/Security
```

branch 'feature/Security' set up to track 'origin/feature/Security'.

Already on 'feature/Security'

Your branch is up to date with 'origin/feature/Security'.

Summary of actions:

- The remote branch 'feature/Security' was created or updated
- The local branch 'feature/Security' was configured to track the remote branch
- You are now on branch 'feature/Security'

```
C:\Users\costa\PFinal>git flow feature pull origin Security
```

The command 'git flow feature pull' will be deprecated per version 2.0.0. Use 'git flow feature track' instead.

Pulled origin's changes into feature/Security.

```
C:\Users\costa\PFinal>git flow feature start Biometric_au
```

Switched to a new branch 'feature/Biometric_au'

Summary of actions:

- A new branch 'feature/Biometric_au' was created, based on 'develop'
- You are now on branch 'feature/Biometric_au'

Now, start committing on your feature. When done, use:

```
git flow feature finish Biometric_au
```

```
C:\Users\costa\PFinal>git flow feature publish Biometric_au
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature/Biometric_au' on GitHub by visiting:
remote:   https://github.com/Cjld17/PFinal/pull/new/feature/Biometric_au
remote:
To https://github.com/Cjld17/PFinal.git
* [new branch]   feature/Biometric_au -> feature/Biometric_au
branch 'feature/Biometric_au' set up to track 'origin/feature/Biometric_au'.
Already on 'feature/Biometric_au'
Your branch is up to date with 'origin/feature/Biometric_au'.
```

Summary of actions:

- The remote branch 'feature/Biometric_au' was created or updated
- The local branch 'feature/Biometric_au' was configured to track the remote branch
- You are now on branch 'feature/Biometric_au'

```
C:\Users\costa\PFinal>git flow feature pull origin Biometric_au
The command 'git flow feature pull' will be deprecated per version 2.0.0. Use 'git flow feature track' instead.
Pulled origin's changes into feature/Biometric_au.
```

```
C:\Users\costa\PFinal>git checkout develop
Switched to branch 'develop'
```

```
C:\Users\costa\PFinal>git checkout feature/Biometric_au
Switched to branch 'feature/Biometric_au'
Your branch is up to date with 'origin/feature/Biometric_au'.
```

```
C:\Users\costa\PFinal>git pull origin feature/Biometric_au
From https://github.com/Cjld17/PFinal
* branch       feature/Biometric_au -> FETCH_HEAD
Already up to date.
```

```
C:\Users\costa\PFinal>git push origin feature/Biometric_au
Everything up-to-date
```

```
C:\Users\costa\PFinal>gh pr create --base master --head Biometric_au --title "Biometric_au"
'gh' is not recognized as an internal or external command,
operable program or batch file.
```

```
C:\Users\costa\PFinal>
```

Código de acesso ao repositório:

<https://github.com/Cjjd17/PFinal.git>

Demonstração das operações efetuadas no ponto 5 acima listado:

- 1- Criamos um arquivo inicial chamado relatorio.pdf na pasta do nosso repositório
- 2- Adicionamos o arquivo ao stage e fazemos o commit:
- 3- Editamos o arquivo relatorio.txt cinco vezes para simular cinco alterações diferentes
- 4- Criamos novas branches release/New e release/Final a partir do branch develop
- 5- Fizemos as alterações necessárias no relatório
- 6- Fizemos o merge de todas as branches no branch master
- 7- Criamos uma branch hotfix/Critical_Fix a partir do branch master
- 8- Em seguida, fazemos o merge do branch hotfix/Critical_Fix tanto no branch master quanto no branch develop: