

Larissa Ribeiro Galão | Matrícula: msft42

Pablo Areia Delgado | Matrícula: msft56

link para o repositório no github: <https://github.com/larissagalao/inf-0991/>

## Larissa

### 1) inicializando o git na pasta e criando uma nova branch

```
C:\Users\012641631\Desktop\msft>git init
Initialized empty Git repository in C:/Users/012641631/Desktop/msft/.git/

C:\Users\012641631\Desktop\msft>git clone https://github.com/larissagalao/inf-0991.git
Cloning into 'inf-0991'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.

C:\Users\012641631\Desktop\msft>git config --global user.name "Larissa Galao"

C:\Users\012641631\Desktop\msft>git config --global user.email "larissa.galao@hotmail.com"

C:\Users\012641631\Desktop\msft>cd inf-0991

C:\Users\012641631\Desktop\msft\inf-0991>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

C:\Users\012641631\Desktop\msft\inf-0991>git branch LarissaGalao

C:\Users\012641631\Desktop\msft\inf-0991>git checkout LarissaGalao
Switched to branch 'LarissaGalao'

C:\Users\012641631\Desktop\msft\inf-0991>git status
On branch LarissaGalao
nothing to commit, working tree clean
```

### 2) commit após atualizar o arquivo localmente

```
C:\Users\012641631\Desktop\msft\inf-0991>git status
On branch LarissaGalao
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)
    modified:   HelloWorld.cs

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

C:\Users\012641631\Desktop\msft\inf-0991>git add HelloWorld.cs

C:\Users\012641631\Desktop\msft\inf-0991>git commit -m "1a alteracao <Larissa>"
[LarissaGalao 247d839] 1a alteracao <Larissa>
 1 file changed, 1 insertion(+)
```

### 3) git log

```
C:\Users\012641631\Desktop\msft\inf-0991>git log --oneline --decorate --graph --all
* 247d839 (HEAD -> LarissaGalao) 1a alteracao <Larissa>
* f490007 (origin/main, origin/HEAD, main) Add files via upload
* daa0e28 Initial commit
```

### 4) mandando as atualizações para a minha branch no repositório remoto

```
C:\Users\012641631\Desktop\msft\inf-0991>git push
fatal: The current branch LarissaGalao has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin LarissaGalao

C:\Users\012641631\Desktop\msft\inf-0991>git push --set-upstream origin LarissaGalao
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 345 bytes | 345.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'LarissaGalao' on GitHub by visiting:
remote:   https://github.com/larissagalao/inf-0991/pull/new/LarissaGalao
remote:
To https://github.com/larissagalao/inf-0991.git
 * [new branch]      LarissaGalao -> LarissaGalao
branch 'LarissaGalao' set up to track 'origin/LarissaGalao'.
```

### 5) git merge

```
C:\Users\012641631\Desktop\msft\inf-0991>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

C:\Users\012641631\Desktop\msft\inf-0991>git merge LarissaGalao
Updating f490007..247d839
Fast-forward
 HelloWorld.cs | 1 +
 1 file changed, 1 insertion(+)

C:\Users\012641631\Desktop\msft\inf-0991>git push
To https://github.com/larissagalao/inf-0991.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/larissagalao/inf-0991.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

C:\Users\012641631\Desktop\msft\inf-0991>git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0
Unpacking objects: 100% (3/3), 326 bytes | 17.00 KiB/s, done.
From https://github.com/larissagalao/inf-0991
 f490007..ba83740  main      -> origin/main
 * [new branch]    PabloDelgado -> origin/PabloDelgado
Auto-merging HelloWorld.cs
Merge made by the 'ort' strategy.
 HelloWorld.cs | 2 +--
 1 file changed, 1 insertion(+), 1 deletion(-)
```

```
C:\Users\012641631\Desktop\msft\inf-0991>git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 404 bytes | 404.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/larissagalao/inf-0991.git
   ba83740..46f0114  main -> main
```

## 6) git log após o merge

```
C:\Users\012641631\Desktop\msft\inf-0991>git log --oneline --decorate --graph --all
* 46f0114 (HEAD -> main, origin/main, origin/HEAD) Merge branch 'main' of https://github.com/larissagalao/inf-0991
|
| * ba83740 (origin/PabloDelgado) 1a alteracao <Pablo>
| * | 247d839 (origin/LarissaGalao, LarissaGalao) 1a alteracao <Larissa>
|/
* f490007 Add files via upload
* daa0e28 Initial commit
```

## 7) atualizando a branch para ficar igual ao main

```
C:\Users\012641631\Desktop\msft\inf-0991>git checkout LarissaGalao
Switched to branch 'LarissaGalao'
Your branch is up to date with 'origin/LarissaGalao'.

C:\Users\012641631\Desktop\msft\inf-0991>git pull origin main
From https://github.com/larissagalao/inf-0991
 * branch          main          -> FETCH_HEAD
Updating 247d839..46f0114
Fast-forward
 HelloWorld.cs | 2 +
 1 file changed, 1 insertion(+), 1 deletion(-)
```

## 8) 2ª alteração

```

C:\Users\012641631\Desktop\msft\inf-0991>git status
On branch LarissaGalao
Your branch is ahead of 'origin/LarissaGalao' by 2 commits.
(use "git push" to publish your local commits)

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)
        modified:   HelloWorld.cs

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

C:\Users\012641631\Desktop\msft\inf-0991>git add HelloWorld.cs

C:\Users\012641631\Desktop\msft\inf-0991>git commit -m "2a alteracao <Larissa>"
[LarissaGalao c6bd066] 2a alteracao <Larissa>
1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\012641631\Desktop\msft\inf-0991>git log --oneline --decorate --graph --all
* c6bd066 (HEAD -> LarissaGalao) 2a alteracao <Larissa>
* 46f0114 (origin/main, origin/HEAD, main) Merge branch 'main' of https://github.com/larissagalao/inf-0991
|
| * ba83740 (origin/PabloDelgado) 1a alteracao <Pablo>
| * | 247d839 (origin/LarissaGalao) 1a alteracao <Larissa>
|/
* f490007 Add files via upload
* daa0e28 Initial commit

C:\Users\012641631\Desktop\msft\inf-0991>git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 326 bytes | 326.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/larissagalao/inf-0991.git
247d839..c6bd066 LarissaGalao -> LarissaGalao

```

## 9) 2º merge e resolvendo o conflito

```

C:\Users\012641631\Desktop\msft\inf-0991>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

C:\Users\012641631\Desktop\msft\inf-0991>git merge LarissaGalao
Updating 46f0114..c6bd066
Fast-forward
 HelloWorld.cs | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\012641631\Desktop\msft\inf-0991>git push
To https://github.com/larissagalao/inf-0991.git
! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/larissagalao/inf-0991.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

C:\Users\012641631\Desktop\msft\inf-0991>git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0
Unpacking objects: 100% (3/3), 332 bytes | 22.00 KiB/s, done.
From https://github.com/larissagalao/inf-0991
 46f0114..3c43318  main      -> origin/main
 ba83740..3c43318  PabloDelgado -> origin/PabloDelgado
Auto-merging HelloWorld.cs
CONFLICT (content): Merge conflict in HelloWorld.cs
Automatic merge failed; fix conflicts and then commit the result.

```

```
C:\Users\012641631\Desktop\msft\inf-0991>git push
To https://github.com/larissagalao/inf-0991.git
! [rejected]        main -> main (non-fast-forward)
error: failed to push some refs to 'https://github.com/larissagalao/inf-0991.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. Integrate the remote changes (e.g.
hint: 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
```

HelloWorld.cs

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Threading.Tasks;
5
6  //Comentario por <Pablo>
7  namespace inf0991
8  {
9      public class HelloWorld
10     {
11         private static void Main(string[] args){
12             Console.WriteLine("Hello");
13             string name;
14             name = Console.ReadLine();
15
16             if(name.Length > 0){
17                 Console.WriteLine("Hello" + name);
18             }
19         }
20     }
21 }
22 //comentario por <Larissa>
23 <<<<<< HEAD
24 //2o comentario por <Larissa>
25 =====
26 //segundo comentario por <Pablo>
27 >>>>>> 3c433189eb51b5b8d721317cf4c38835ef07b0ab
28

```

HelloWorld.cs > ...

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Threading.Tasks;
5
6  //Comentario por <Pablo>
7  namespace inf0991
8  {
9      0 references
10     public class HelloWorld
11     {
12         0 references
13         private static void Main(string[] args){
14             Console.WriteLine("Hello");
15             string name;
16             name = Console.ReadLine();
17
18             if(name.Length > 0){
19                 Console.WriteLine("Hello" + name);
20             }
21         }
22     }
23 //comentario por <Larissa>
24 //2o comentario por <Larissa>
25 //segundo comentario por <Pablo>

```

```
C:\Users\012641631\Desktop\msft\inf-0991>git status
On branch main
Your branch and 'origin/main' have diverged,
and have 1 and 1 different commits each, respectively.
(use "git pull" to merge the remote branch into yours)

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   HelloWorld.cs

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

C:\Users\012641631\Desktop\msft\inf-0991>git add HelloWorld.cs

C:\Users\012641631\Desktop\msft\inf-0991>git commit -m "resolucao do conflito"
[main 6fe80ea] resolucao do conflito

C:\Users\012641631\Desktop\msft\inf-0991>git log --oneline --decorate --graph --all
* 6fe80ea (HEAD -> main) resolucao do conflito
|
| * 3c43318 (origin/main, origin/PabloDelgado, origin/HEAD) 2a alteracao <Pablo>
| * c6bd066 (origin/LarissaGalao, LarissaGalao) 2a alteracao <Larissa>
|/
|
| * 46f0114 Merge branch 'main' of https://github.com/larissagalao/inf-0991
|/
|
| * ba83740 1a alteracao <Pablo>
| * 247d839 1a alteracao <Larissa>
|/
|
| * f490007 Add files via upload
| * daa0e28 Initial commit
```

```
C:\Users\012641631\Desktop\msft\inf-0991>git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 354 bytes | 177.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/larissagalao/inf-0991.git
3c43318..6fe80ea main -> main
```

## Pablo

Parte 1 -> Merge SEM CONFLITOS (visão Pablo Delgado)

Git Clone e criando uma branch

```
C:\Windows\System32\cmd.exe
Microsoft Windows [versão 10.0.19043.1889]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\Pablo\Desktop\msft56>git init
Reinitialized existing Git repository in C:/Users/Pablo/Desktop/msft56/.git/

C:\Users\Pablo\Desktop\msft56>git clone https://github.com/larissagalao/inf-0991.git
Cloning into 'inf-0991'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.

C:\Users\Pablo\Desktop\msft56>git config --global user.name "Pablo Delgado"

C:\Users\Pablo\Desktop\msft56>git config --global user.email "pabloareia2004@gmail.com"

C:\Users\Pablo\Desktop\msft56>cd inf-0991

C:\Users\Pablo\Desktop\msft56\inf-0991>git branch PabloDelgado

C:\Users\Pablo\Desktop\msft56\inf-0991>git checkout PabloDelgado
Switched to branch 'PabloDelgado'

C:\Users\Pablo\Desktop\msft56\inf-0991>
```

Após alterar o código

```

C:\Users\Pablo\Desktop\msft56\inf-0991>git status
On branch PabloDelgado
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)
        modified:   HelloWorld.cs

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

C:\Users\Pablo\Desktop\msft56\inf-0991>git add .

C:\Users\Pablo\Desktop\msft56\inf-0991>git commit -m "1a alteracao <Pablo>"
[PabloDelgado ba83740] 1a alteracao <Pablo>
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\Pablo\Desktop\msft56\inf-0991>git log --oneline --decorate --graph --all
* ba83740 (HEAD -> PabloDelgado) 1a alteracao <Pablo>
* f490007 (origin/main, origin/HEAD, main) Add files via upload
* daa0e28 Initial commit

C:\Users\Pablo\Desktop\msft56\inf-0991>_

```

```

C:\Users\Pablo\Desktop\msft56\inf-0991>git push --set-upstream origin PabloDelgado
git: 'credential-manager' is not a git command. See 'git --help'.

The most similar command is
    credential-manager-core
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 346 bytes | 346.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'PabloDelgado' on GitHub by visiting:
remote:   https://github.com/larissagalao/inf-0991/pull/new/PabloDelgado
remote:
To https://github.com/larissagalao/inf-0991.git
 * [new branch]      PabloDelgado -> PabloDelgado
branch 'PabloDelgado' set up to track 'origin/PabloDelgado'.

C:\Users\Pablo\Desktop\msft56\inf-0991>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

C:\Users\Pablo\Desktop\msft56\inf-0991>

```

Passando os arquivos da branch para a main local, e aplicando o push para a main remota.

```
C:\Users\Pablo\Desktop\msft56\inf-0991>git merge PabloDelgado
Updating f490007..ba83740
Fast-forward
 HelloWorld.cs | 2 + -
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\Pablo\Desktop\msft56\inf-0991>git push
git: 'credential-manager' is not a git command. See 'git --help'.

The most similar command is
    credential-manager-core
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/larissagalao/inf-0991.git
    f490007..ba83740  main -> main

C:\Users\Pablo\Desktop\msft56\inf-0991>
```



## Parte 2 -> merge COM CONFLITOS (visão Pablo Delgado)

Atualizando minha branch local

```
C:\Users\Pablo\Desktop\msft56\inf-0991>git pull
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 2), reused 6 (delta 2), pack-reused 0
Unpacking objects: 100% (6/6), 697 bytes | 27.00 KiB/s, done.
From https://github.com/larissagalao/inf-0991
   ba83740..46f0114  main       -> origin/main
   * [new branch]      LarissaGalao -> origin/LarissaGalao
Updating ba83740..46f0114
Fast-forward
 HelloWorld.cs | 1 +
 1 file changed, 1 insertion(+)

C:\Users\Pablo\Desktop\msft56\inf-0991>git checkout PabloDelgado
Switched to branch 'PabloDelgado'
Your branch is up to date with 'origin/PabloDelgado'.

C:\Users\Pablo\Desktop\msft56\inf-0991>git pull origin main
From https://github.com/larissagalao/inf-0991
   * branch            main       -> FETCH_HEAD
Updating ba83740..46f0114
Fast-forward
 HelloWorld.cs | 1 +
 1 file changed, 1 insertion(+)

C:\Users\Pablo\Desktop\msft56\inf-0991>
```

## PÓS SEGUNDA ALTERAÇÃO

```
C:\Windows\System32\cmd.exe
C:\Users\Pablo\Desktop\msft56\inf-0991>git status
On branch PabloDelgado
Your branch is ahead of 'origin/PabloDelgado' by 2 commits.
(use "git push" to publish your local commits)

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)
       modified:   HelloWorld.cs

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

C:\Users\Pablo\Desktop\msft56\inf-0991>git add .

C:\Users\Pablo\Desktop\msft56\inf-0991>git commit -m "2a alteracao <Pablo>"
[PabloDelgado 3c43318] 2a alteracao <Pablo>
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\Pablo\Desktop\msft56\inf-0991>git log --oneline --decorate --graph --all
* 3c43318 (HEAD -> PabloDelgado) 2a alteracao <Pablo>
* 46f0114 (origin/main, origin/HEAD, main) Merge branch 'main' of https://github.com/larissagalao/inf-0991
|
| * ba83740 (origin/PabloDelgado) 1a alteracao <Pablo>
| * | 247d839 (origin/LarissaGalao) 1a alteracao <Larissa>
|/
* f490007 Add files via upload
* daa0e28 Initial commit

C:\Users\Pablo\Desktop\msft56\inf-0991>
```

Push na breach e depois merge na main

```
C:\Users\Pablo\Desktop\msft56\inf-0991>git push
git: 'credential-manager' is not a git command. See 'git --help'.

The most similar command is
    credential-manager-core
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 352 bytes | 352.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/larissagalao/inf-0991.git
    ba83740..3c43318  PabloDelgado -> PabloDelgado

C:\Users\Pablo\Desktop\msft56\inf-0991>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

C:\Users\Pablo\Desktop\msft56\inf-0991>git merge PabloDelgado
Updating 46f0114..3c43318
Fast-forward
 HelloWorld.cs | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\Pablo\Desktop\msft56\inf-0991>
```

Push no repositório remoto (github)

```
C:\Users\Pablo\Desktop\msft56\inf-0991>git push
git: 'credential-manager' is not a git command. See 'git --help'.

The most similar command is
    credential-manager-core
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/larissagalao/inf-0991.git
    46f0114..3c43318  main -> main

C:\Users\Pablo\Desktop\msft56\inf-0991>
```

Como fui o primeiro a dar push na main remota, não sou eu que lidará com o conflito.