

Practice with this exercise. Add screenshots in every point. You can use “Recortes” app to make screenshots and paste them in the gaps.

1. GIT BASH WINDOWS. Initialize a repository named “March”

```
# Initialize the repository
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment (main)
$ mkdir March

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment (main)
$ cd March/

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: might be what you want. It's a good idea to specify a name
hint: Disable this message with "git config set advice.defaultBranchName false"
Initialized empty Git repository in D:/deployment/March/.git/

# configure the repository with your username and email.
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (master)
$ git config user.name "iria"

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (master)
$ git config user.email "iriachan11@gmail.com"

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (master)
$ git config list

user.name=iria
user.email=iriachan11@gmail.com
```

```
# Create the file "yournameLastname1.txt" with content "Your
name"
```

```
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (master)
$ echo "Iria Alvarez" >> iriaAlvarez.txt

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (master)
$ cat iriaAlvarez.txt
Iria Alvarez
```

```
# Confirm the changes with the message "Name created"
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git add .
warning: in the working copy of 'iriaAlvarez.txt', LF will be replaced by CRLF the next time Git touches it

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git commit -m "name created"
[main (root-commit) 31b2f17] name created
 1 file changed, 1 insertion(+)
 create mode 100644 iriaAlvarez.txt
```

```
# Add the first surname and confirm the changes with the
message "Added surname1"
```

```
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ echo "Alvarez" >> iriaAlvarez.txt

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ cat iriaAlvarez.txt
Iria Alvarez
Alvarez
```

```
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git add .
warning: in the working copy of 'iriaAlvarez.txt', LF will be replaced by CRLF the next time Git touches it

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git commit -m "added surname1"
[main 1d30bcf] added surname1
 1 file changed, 1 insertion(+)
```

```
# Add a repository on Github. Add a connection from your local
repository to your remote repository.
```

```
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git remote add origin https://github.com/rialvz/deployment.git
```

```
# Push to your remote repository.
```

```
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git push -u origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (6/6), 455 bytes | 455.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/rialvz/deployment.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

2. Delete the last commit and add two last names

```
# Delete the last commit
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git reset --hard HEAD^
HEAD is now at 31b2f17 name created

# Add two last names
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ echo "Solis" >> iriaAlvarez.txt

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ echo "Carton" >> iriaAlvarez.txt

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ cat iriaAlvarez.txt
Iria Alvarez
Solis
Carton

# Confirm changes with the message "Last names added"
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git add .
warning: in the working copy of 'iriaAlvarez.txt', LF will be replaced by
CRLF the next time Git touches it

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git commit -m "last names added"
[main a893e12] last names added
 1 file changed, 2 insertions(+)

# View the log on a single line
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git log --oneline
a893e12 (HEAD -> main) last names added
31b2f17 name created
```

3. Create a branch "featureYourFirstNameLastName1" and switch to it

```
# Create and switch to the new branch in one command
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git checkout -b featureIriaAlvarez
Switched to a new branch 'featureIriaAlvarez'

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (featureIriaAlvarez)

# Add the date of birth to the file
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (featureIriaAlvarez)
$ echo "29 January" >> iriaAlvarez.txt

# Confirm changes with the message "date of birth added"
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (featureIriaAlvarez)
$ git commit -m "date of birth added"
[featureIriaAlvarez 777cf59] date of birth added
 1 file changed, 1 insertion(+)

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (featureIriaAlvarez)
$ git push --set-upstream origin featureIriaAlvarez
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (6/6), 523 bytes | 523.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'featureIriaAlvarez' on GitHub by visiting:
remote:     https://github.com/irialvz/deployment/pull/new/featureIriaAlvarez
remote:
To https://github.com/irialvz/deployment.git
 * [new branch]      featureIriaAlvarez -> featureIriaAlvarez
branch 'featureIriaAlvarez' set up to track 'origin/featureIriaAlvarez'.
```

4. Switch to the main branch and enter the city you live in

```
# Switch to the main branch
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git checkout main
# Add the city to the file
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ echo "Zaragoza" >> iriaAlvarez.txt

Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ cat iriaAlvarez.txt
Iria Alvarez
Solis
Carton
Alvarez
Zaragoza

# Confirm changes
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git commit -m "added city"
[main ce6057a] added city
1 file changed, 1 insertion(+)
```

we resolve the conflict
edit the file with nano

```
GNU nano 8.5
Iria Alvarez
Solis
Carton
<<<<< HEAD
Alvarez
Zaragoza
=====
29 January
>>>> featureIriaAlvarez
```

iriaAlvarez.txt

we delete the marks

```
GNU nano 8.5
Iria Alvarez
Solis
Carton
Alvarez
Zaragoza
29 January
```

iriaAlvarez.txt

Delete the "featureYourFirstNameLastName1" branch

```
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git branch -D featureIriaAlvarez
Deleted branch featureIriaAlvarez (was 777cf59).
```

5. Merge the "featureYourFirstNameLastName1" branch to master/main locally and delete the "featureYourFirstNameLastName1" branch.

```
# Merge the featureYourFirstNameLastName1 branch with the
master/main branch
Alumno@DESKTOP-4225ECB MINGW64 /d/deployment/March (main)
$ git merge featureIriaAlvarez
Auto-merging iriaAlvarez.txt
CONFLICT (content): Merge conflict in iriaAlvarez.txt
Automatic merge failed; fix conflicts and then commit the result.
```

-D parameter to force