# PRACTICA 2

## COMANDOS GIT FLOW A NIVEL LOCAL

- Crear una carpeta llamada **gitpracticaflow** e inicializar el repositorio con el comando correspondiente tomando en cuenta qué existen dos ramas: **main y develop**

```
C:\Users\Administrador>cd C:\Users\Administrador\Downloads\Web Integral

C:\Users\Administrador\Downloads\Web Integral>mkdir gitpracticaflow

C:\Users\Administrador\Downloads\Web Integral>cd gitpracticaflow

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git flow init
Initialized empty Git repository in C:/Users/Administrador/Downloads/Web Integral/gitpracticaflow/.git/
No branches exist yet. Base branches must be created now.
Branch name for production releases: [master] main
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? [] 1.
Hooks and filters directory? [C:/Users/Administrador/Downloads/Web Integral/gitpracticaflow/.git/hooks]

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Comprueba el estado del repositorio a través del comando correspondiente.

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git status
On branch develop
nothing to commit, working tree clean

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git branch
* develop
  main

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Crear una nueva funcionalidad llamada **fun-login** utilizando el patrón MVC y los comandos correspondientes de **gitflow**

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git flow feature start fun-login
Switched to a new branch 'feature/fun-login'

Summary of actions:
- A new branch 'feature/fun-login' was created, based on 'develop'
- You are now on branch 'feature/fun-login'

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

     git flow feature finish fun-login

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git branch
  develop
* feature/fun-login
  main

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- o Crea tres carpetas llamadas: **model, views y controlle**r.

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>mkdir model

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>mkdir views

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>mkdir controller

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- o Agregar un archivo para cada carpeta
  - Model: **ModelLoginDTO.java**
  - Views: **viewLogin.html**
  - Controller: **ControllerLogin.java**

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>cd model

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\model>copy con ModelLoginDTO.java
^Z
        1 archivo(s) copiado(s).

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\model>cd ..

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>cd views

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\views>copy con viewLogin.html
^Z
        1 archivo(s) copiado(s).

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\views>cd ..

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>cd controller

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\controller>copy con ControllerLogin.java
^Z
        1 archivo(s) copiado(s).

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\controller>
```

- o Finaliza la funcionalidad

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git status
On branch feature/fun-login
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        controller/
        model/
        views/

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git add .

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git status
On branch feature/fun-login
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   controller/ControllerLogin.java
        new file:   model/ModelLoginDTO.java
        new file:   views/viewLogin.html


C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git commit -m "commit inicial"
[feature/fun-login 228c722] commit inicial
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 controller/ControllerLogin.java
 create mode 100644 model/ModelLoginDTO.java
 create mode 100644 views/viewLogin.html
```

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git flow feature finish fun-login
Switched to branch 'develop'
Updating 04a652a..228c722
Fast-forward
 controller/ControllerLogin.java | 0
 model/ModelLoginDTO.java        | 0
 views/viewLogin.html            | 0
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 controller/ControllerLogin.java
 create mode 100644 model/ModelLoginDTO.java
 create mode 100644 views/viewLogin.html
Deleted branch feature/fun-login (was 228c722).

Summary of actions:
- The feature branch 'feature/fun-login' was merged into 'develop'
- Feature branch 'feature/fun-login' has been locally deleted
- You are now on branch 'develop'


C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>_
```

- Verificar las diferencias entre las ramas **main** y **develop**

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git diff main..develop
diff --git a/controller/ControllerLogin.java b/controller/ControllerLogin.java
new file mode 100644
index 0000000..e69de29
diff --git a/model/ModelLoginDTO.java b/model/ModelLoginDTO.java
new file mode 100644
index 0000000..e69de29
diff --git a/views/viewLogin.html b/views/viewLogin.html
new file mode 100644
index 0000000..e69de29

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Crear una modificación a la funcionalidad fun-login

  - **ModelLoginDTO.java** agregar la instrucción public class modelLoginDTO {}
  - **viewsLogin.html** agregar la instrucción <h1> Estoy entre ramas </h1>
  - **ControlleLogin.java** agregar la instrucción public class controlleLogin.java{}

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>cd model

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\model>notepad ModelLoginDTO.java

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\model>cd ..

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>cd views

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\views>notepad viewLogin.html

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\views>cd ..

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>cd controller

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\controller>notepad ControllerLogin.java

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow\controller>
```

- Guardar los cambios al Stanging Area

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git status
On branch develop
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:   controller/ControllerLogin.java
        modified:   model/ModelLoginDTO.java
        modified:   views/viewLogin.html

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

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git add .

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git status
On branch develop
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   controller/ControllerLogin.java
        modified:   model/ModelLoginDTO.java
        modified:   views/viewLogin.html

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git commit -m "modifi
cacion a la funcionalidad"
[develop 8916193] modificacion a la funcionalidad
 3 files changed, 3 insertions(+)

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Verificar la historia de los commits

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git log
commit 8916193805a6e8266369ec8ec99af2ae699ec7cd (HEAD -> develop)
Author: Paola Patlan <paolapatlangonzalez@gmail.com>
Date:   Wed Jun 7 23:49:12 2023 -0600

    modificacion a la funcionalidad

commit 228c7224a0a1baf718db3de219fbcfc6f59da5c7
Author: Paola Patlan <paolapatlangonzalez@gmail.com>
Date:   Wed Jun 7 23:34:59 2023 -0600

    commit inicial

commit 04a652ac0b0eafc9a7462e5b463aca668d47d614 (main)
Author: Paola Patlan <paolapatlangonzalez@gmail.com>
Date:   Wed Jun 7 23:13:46 2023 -0600

    Initial commit

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Verificar las diferencias entre las ramas main y develop a través del comando

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git diff main..develop
diff --git a/controller/ControllerLogin.java b/controller/ControllerLogin.java
new file mode 100644
index 0000000..25024a2
--- /dev/null
+++ b/controller/ControllerLogin.java
@@ -0,0 +1 @@
+public class controllerLogin.java{}
\ No newline at end of file
diff --git a/model/ModelLoginDTO.java b/model/ModelLoginDTO.java
new file mode 100644
index 0000000..095f4ed
--- /dev/null
+++ b/model/ModelLoginDTO.java
@@ -0,0 +1 @@
+public class modelLoginDTO{}
\ No newline at end of file
diff --git a/views/viewLogin.html b/views/viewLogin.html
new file mode 100644
index 0000000..feb9562
--- /dev/null
+++ b/views/viewLogin.html
@@ -0,0 +1 @@
+<h1> Estoy entre ramas </h1>
\ No newline at end of file

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Iniciar una liberación con la versión 1.0 como prefijo

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git flow release start '1.0'
Switched to a new branch 'release/1.0'

Summary of actions:
- A new branch 'release/1.0' was created, based on 'develop'
- You are now on branch 'release/1.0'

Follow-up actions:
- Bump the version number now!
- Start committing last-minute fixes in preparing your release
- When done, run:

     git flow release finish '1.0'


C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git branch
  develop
  main
* release/1.0

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Iniciar la liberación con el sufijo ".1".
- Finalizar la liberación

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git flow release
* 1.0

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git flow release finish '1.0'
Switched to branch 'main'
Merge made by the 'ort' strategy.
 controller/ControllerLogin.java | 1 +
 model/ModelLoginDTO.java        | 1 +
 views/viewLogin.html            | 1 +
 3 files changed, 3 insertions(+)
 create mode 100644 controller/ControllerLogin.java
 create mode 100644 model/ModelLoginDTO.java
 create mode 100644 views/viewLogin.html
Already on 'main'
fatal: no tag message?
Fatal: Tagging failed. Please run finish again to retry.

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```

- Verificar las diferencias entre las ramas main y develop a través del comando

```
C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>git diff main..develop

C:\Users\Administrador\Downloads\Web Integral\gitpracticaflow>
```