Práctica Comandos Git Flow a nivel local

Realizar el ejercicio mediante línea de comandos en Windows, Linux o Mac
- Crear una carpeta llamada **gitpracticaflow** e inicializar el repositorio con el comando correspondiente tomando en cuenta qué existen dos ramas: **main y Flow**

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git flow init
Initialized empty Git repository in C:/Users/Lenovo/Documents/UNIVERSIDAD III/Desarrollo web integral/Unidad 2/gitpracti
caflow/.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] flow

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/Lenovo/Documents/UNIVERSIDAD III/Desarrollo web integral/Unidad 2/gitpracticaflow
/.git/hooks]
```

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

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git status
On branch flow
nothing to commit, working tree clean
```

- Como desarrollador crea una nueva funcionalidad llamada fun-login utilizando el patrón MVC y los comandos correspondientes de gitflow

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git flow feature start create
-form-login
Switched to a new branch 'feature/create-form-login'

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

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

    git flow feature finish create-form-login

C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>
```

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git flow feature start fun-lo
gin
Switched to a new branch 'feature/fun-login'

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

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

    git flow feature finish fun-login
```

- Crea tres carpetas llamadas: **model, views y controller**.
- Agregar un archivo para cada carpeta

Controller	26/05/2023 04:31 p. m.	Carpeta de archivos
Model	26/05/2023 04:32 p. m.	Carpeta de archivos
Views	26/05/2023 04:31 p. m.	Carpeta de archivos

- Model: **ModelLoginDTO.java**

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow\Model>copy con ModelLoginDTO.ja
DTO java^Z
        1 archivo(s) copiado(s).
```

- Views: **viewLogin.html**

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow\Views>copy con viewLogin.h
<html>
</html>
^Z
        1 archivo(s) copiado(s).
```

- Controller: **ControllerLogin.java**

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow\Controller>copy con ControllerLogin.javaControll
n.java
Controlador Java
^Z
            1 archivo(s) copiado(s).
```

- o Finaliza la funcionalidad

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git flow feature finish fun-login
Switched to branch 'flow'
Updating 7ba46de..c20c3b8
Fast-forward
 Model/ModelLoginDTO.java | 1 +
 Views/viewLogin.html     | 2 ++
 2 files changed, 3 insertions(+)
 create mode 100644 Model/ModelLoginDTO.java
 create mode 100644 Views/viewLogin.html
Deleted branch feature/fun-login (was c20c3b8).

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

- Verificar las diferencias entre las ramas main y develop a través del comando: **git diff main..develop**

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git diff main..flow
diff --git a/Controller/ControllerLogin.javaControllerLogin.java b/Controller/ControllerLogin.javaControllerLogin.java
new file mode 100644
index 0000000..46e376b
--- /dev/null
+++ b/Controller/ControllerLogin.javaControllerLogin.java
@@ -0,0 +1 @@
+Controlador Java
diff --git a/Model/ModelLoginDTO.java b/Model/ModelLoginDTO.java
new file mode 100644
index 0000000..1d38d85
--- /dev/null
+++ b/Model/ModelLoginDTO.java
@@ -0,0 +1 @@
+DTO java
\ No newline at end of file
diff --git a/Views/viewLogin.html b/Views/viewLogin.html
new file mode 100644
index 0000000..90531a4
--- /dev/null
+++ b/Views/viewLogin.html
@@ -0,0 +1,2 @@
+<html>
+</html>
```

- Crear una modificación a la funcionalidad fun-login
  - o **ModelLoginDTO.java** agregar la instrucción public class modelLoginDTO {}

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow\Model>echo " public class modelLoginDTO {}" >> ModelLo
ginDTO.java
```

  - o **viewsLogin.html** agregar la instrucción <h1> Estoy entre ramas </h1>

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow\Views>echo " <h1> Estoy entre ramas </h1> ">> viewsLog
in.htmlecho " <h1> Estoy entre ramas </h1> ">> viewsLogin.html
```

  - o **ControlleLogin.java** agregar la instrucción public class controlleLogin.java{}

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow\Controller>echo " public class controlleLogin.java{} "
>> ControlleLogin.java
```

  - o Guardar los cambios al Stanging Area

```
Microsoft Windows [Versión 10.0.19045.2965]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git status
On branch flow
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:   Model/ModelLoginDTO.java

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Controller/ControlleLogin.java
        Views/viewsLogin.html

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

C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git add .

C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git commit -m"Cambios 2 PEMR"

[flow a173f5e] Cambios 2 PEMR
 3 files changed, 3 insertions(+), 1 deletion(-)
 create mode 100644 Controller/ControlleLogin.java
 create mode 100644 Views/viewsLogin.html
```

o Verificar la historia de los commits

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git log
commit a173f5e979096c02b43e7f9f33c6338c39754131 (HEAD -> flow)
Author: Pedro <pedro@indra>
Date:   Fri May 26 16:52:58 2023 -0600

    Cambios 2 PEMR

commit c20c3b8d309f8b782c2c6e660fcab277b435e89d
Author: Pedro <pedro@indra>
Date:   Fri May 26 16:42:41 2023 -0600

    Cambios PEMR

commit 7ba46de1b051f6202cf2fecd89bc6b1a7b24ae90
Author: Pedro <pedro@indra>
Date:   Fri May 26 16:36:05 2023 -0600

    Cambios PEMR

commit 9b7e3d44649f9fc088f1d16056b864765a1b94e7 (main, feature/create-form-login)
Author: Pedro <pedro@indra>
Date:   Wed May 24 16:50:09 2023 -0600

    Initial commit
```

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

```
diff --git a/Controller/ControlleLogin.java b/Controller/ControlleLogin.java
new file mode 100644
index 0000000..3351884
--- /dev/null
+++ b/Controller/ControlleLogin.java
@@ -0,0 +1 @@
+" public class controlleLogin.java{} "
diff --git a/Controller/ControllerLogin.javaControllerLogin.java b/Controller/ControllerLogin.javaControllerLogin.java
new file mode 100644
index 0000000..46e376b
--- /dev/null
+++ b/Controller/ControllerLogin.javaControllerLogin.java
@@ -0,0 +1 @@
+Controlador Java
diff --git a/Model/ModelLoginDTO.java b/Model/ModelLoginDTO.java
new file mode 100644
index 0000000..30e9127
--- /dev/null
+++ b/Model/ModelLoginDTO.java
@@ -0,0 +1 @@
+DTO java" public class modelLoginDTO {}"
diff --git a/Views/viewLogin.html b/Views/viewLogin.html
new file mode 100644
index 0000000..90531a4
--- /dev/null
+++ b/Views/viewLogin.html
@@ -0,0 +1,2 @@
+<html>
+</html>
```

```
diff --git a/Views/viewLogin.html b/Views/viewLogin.html
new file mode 100644
index 0000000..90531a4
--- /dev/null
+++ b/Views/viewLogin.html
@@ -0,0 +1,2 @@
+<html>
+</html>
diff --git a/Views/viewsLogin.html b/Views/viewsLogin.html
new file mode 100644
index 0000000..c2324b0
--- /dev/null
+++ b/Views/viewsLogin.html
@@ -0,0 +1 @@
+" <h1> Estoy entre ramas </h1> " " <h1> Estoy entre ramas </h1> "
```

- Iniciar una liberación con la versión 1.0 como prefijo
- Iniciar la liberación con el sufijo ".**1**".
- Finalizar la liberación

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git flow release finish '1.0

Switched to branch 'main'
Merge made by the 'ort' strategy.
 Controller/ControlleLogin.java                        | 1 +
 Controller/ControllerLogin.javaControllerLogin.java   | 1 +
 Model/ModelLoginDTO.java                              | 1 +
 Views/viewLogin.html                                  | 2 ++
 Views/viewsLogin.html                                 | 1 +
 5 files changed, 6 insertions(+)
 create mode 100644 Controller/ControlleLogin.java
 create mode 100644 Controller/ControllerLogin.javaControllerLogin.java
 create mode 100644 Model/ModelLoginDTO.java
 create mode 100644 Views/viewLogin.html
 create mode 100644 Views/viewsLogin.html
Already on 'main'
fatal: no tag message?
Fatal: Tagging failed. Please run finish again to retry.

C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git flow release finish '1.0

Already on 'main'
Switched to branch 'flow'
Merge made by the 'ort' strategy.
Deleted branch release/1.0 (was a173f5e).

Summary of actions:
- Release branch 'release/1.0' has been merged into 'main'
- The release was tagged '1.0'
- Release tag '1.0' has been back-merged into 'flow'
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git flow release finish '1.0

Already on 'main'
Switched to branch 'flow'
Merge made by the 'ort' strategy.
Deleted branch release/1.0 (was a173f5e).

Summary of actions:
- Release branch 'release/1.0' has been merged into 'main'
- The release was tagged '1.0'
- Release tag '1.0' has been back-merged into 'flow'
- Release branch 'release/1.0' has been locally deleted
- You are now on branch 'flow'
```

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

```
C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>git diff main..flow

C:\Users\Lenovo\Documents\UNIVERSIDAD III\Desarrollo web integral\Unidad 2\gitpracticaflow>
```