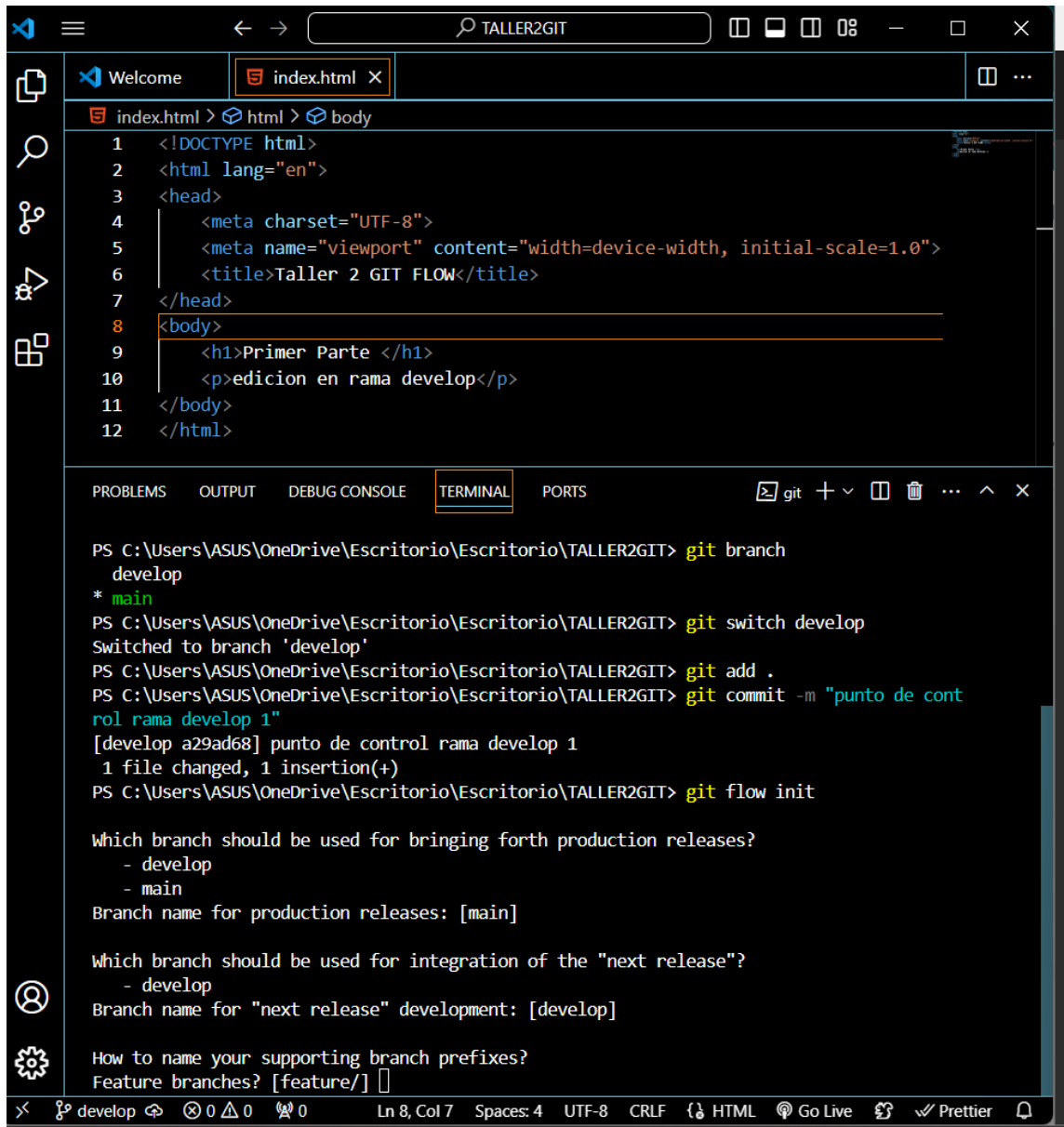


EVIDENCIA 2

1. FLUJO DE TRABAJO

1. a) flujo de trabajo con GITFLOW



The screenshot shows the Visual Studio Code interface. The top editor pane displays an HTML file named `index.html` with the following content:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Taller 2 GIT FLOW</title>
7 </head>
8 <body>
9   <h1>Primer Parte </h1>
10  <p>edicion en rama develop</p>
11 </body>
12 </html>
```

The bottom editor pane shows the `TERMINAL` tab with the following commands and output:

```
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git branch
develop
* main
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git switch develop
Switched to branch 'develop'
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git add .
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git commit -m "punto de control rama develop 1"
[develop a29ad68] punto de control rama develop 1
1 file changed, 1 insertion(+)
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git flow init

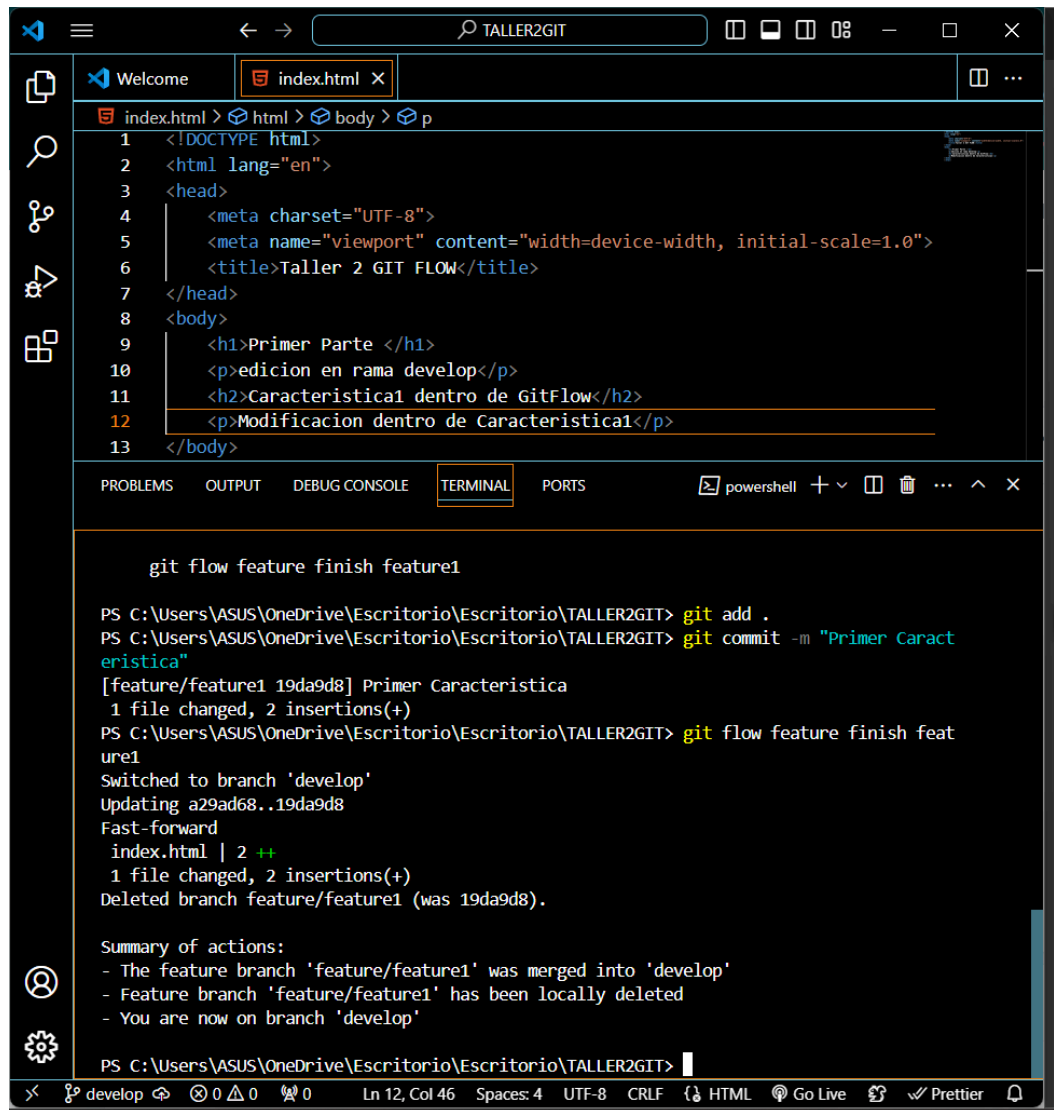
Which branch should be used for bringing forth production releases?
- develop
- main
Branch name for production releases: [main]

Which branch should be used for integration of the "next release"?
- develop
Branch name for "next release" development: [develop]

How to name your supporting branch prefixes?
Feature branches? [feature/] 
```

The status bar at the bottom indicates the current branch is `develop`, with 0 errors, 0 warnings, and 0 info messages. The cursor is at line 8, column 7. The encoding is UTF-8, line endings are CRLF, and the file is an HTML document. The `Go Live` and `Prettier` icons are visible on the right.

1. b) Tres características



The screenshot shows the Visual Studio Code interface. The editor window displays the file `index.html` with the following content:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Taller 2 GIT FLOW</title>
7 </head>
8 <body>
9   <h1>Primer Parte </h1>
10  <p>edicion en rama develop</p>
11  <h2>Caracteristica1 dentro de GitFlow</h2>
12  <p>Modificacion dentro de Caracteristica1</p>
13 </body>
```

The terminal window at the bottom shows the execution of the following commands and their output:

```
git flow feature finish feature1

PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git add .
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git commit -m "Primer Caract
eristica"
[feature/feature1 19da9d8] Primer Caracteristica
1 file changed, 2 insertions(+)
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git flow feature finish feat
ure1
Switched to branch 'develop'
Updating a29ad68..19da9d8
Fast-forward
 index.html | 2 ++
1 file changed, 2 insertions(+)
Deleted branch feature/feature1 (was 19da9d8).

Summary of actions:
- The feature branch 'feature/feature1' was merged into 'develop'
- Feature branch 'feature/feature1' has been locally deleted
- You are now on branch 'develop'

PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT>
```

The status bar at the bottom indicates the current branch is `develop`, with 0 changes, 0 deletions, and 0 additions. The cursor is at line 12, column 46. The encoding is UTF-8, and the line ending is CRLF. The file is an HTML document, and the editor has Go Live and Prettier extensions installed.

The screenshot shows the Visual Studio Code interface. The top bar displays the file name 'TALLER2GIT'. The editor window shows the file 'index.html' with the following content:

```
2 <html lang="en">
3 <head>
4
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Taller 2 GIT FLOW</title>
7 </head>
8 <body>
9   <h1>Primer Parte </h1>
10  <p>edicion en rama develop</p>
11  <h2>Caracteristica1 dentro de GitFlow</h2>
12  <p>Modificacion dentro de Caracteristica1</p>
13  <h2>Caracteristica Numero 2 creada</h2>
14  <p>Modificacion dentro de caracteristica 2</p>
15 </body>
```

The bottom panel shows the 'TERMINAL' tab with the following output:

```
git flow feature finish feature2

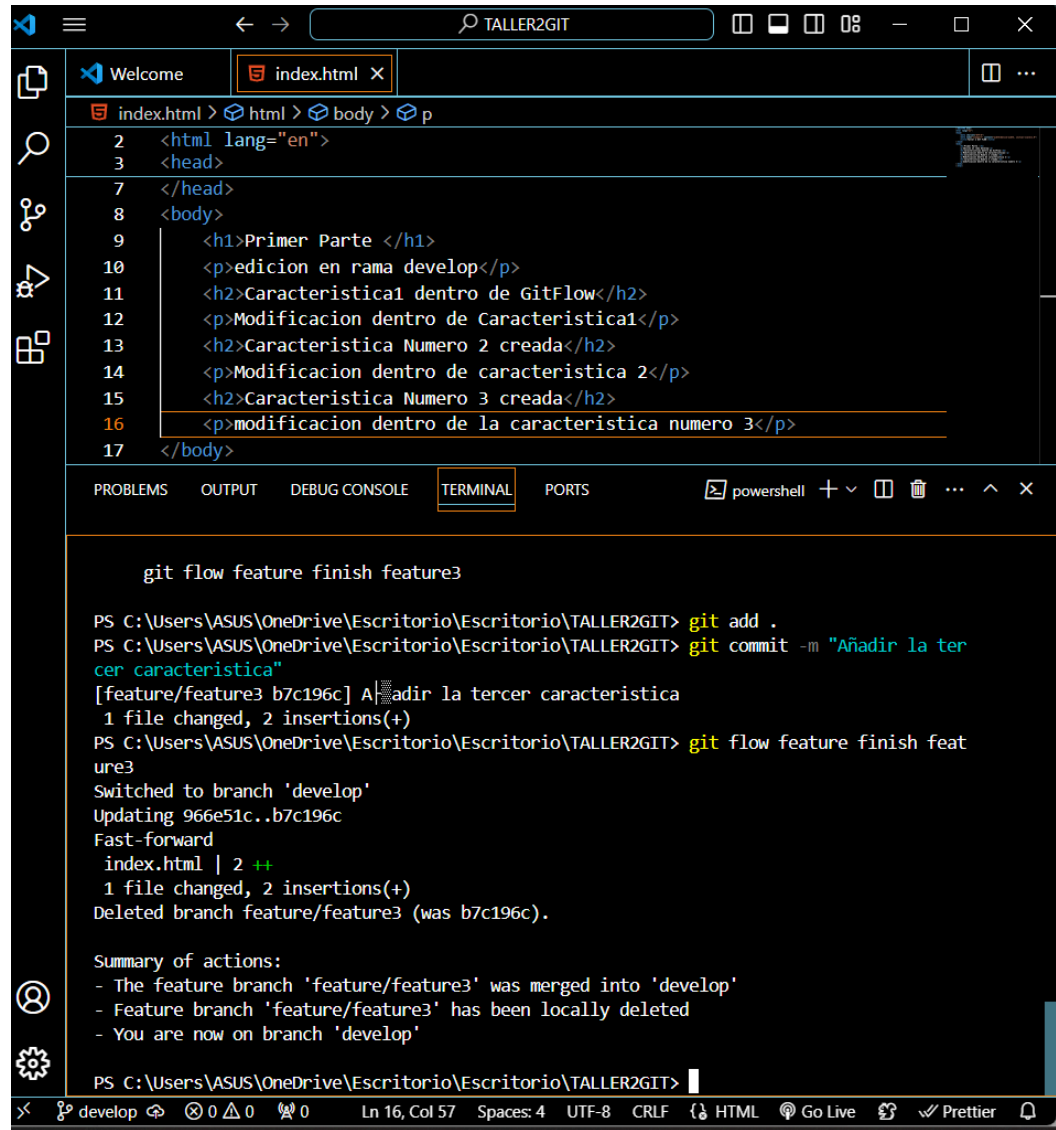
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git add .
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git commit -m "Añadir la segunda caracteristica"
[feature/feature2 966e51c] Añadir la segunda caracteristica
1 file changed, 2 insertions(+)
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git flow feature finish feature2
Switched to branch 'develop'
Updating 19da9d8..966e51c
Fast-forward
 index.html | 2 ++
1 file changed, 2 insertions(+)
Deleted branch feature/feature2 (was 966e51c).

Summary of actions:
- The feature branch 'feature/feature2' was merged into 'develop'
- Feature branch 'feature/feature2' has been locally deleted
- You are now on branch 'develop'

PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT>
```

The status bar at the bottom shows the current branch as 'develop', the file encoding as 'UTF-8', and the line/character count as 'Ln 14, Col 51'.

2.



The image shows a Visual Studio Code editor window with a dark theme. The top bar displays the file path `TALLER2GIT`. The editor has two tabs: `Welcome` and `index.html`. The `index.html` tab is active, showing the following HTML code:

```
2 <html lang="en">
3 <head>
4
5
6
7 </head>
8 <body>
9   <h1>Primer Parte </h1>
10  <p>edicion en rama develop</p>
11  <h2>Caracteristica1 dentro de GitFlow</h2>
12  <p>Modificacion dentro de Caracteristica1</p>
13  <h2>Caracteristica Numero 2 creada</h2>
14  <p>Modificacion dentro de caracteristica 2</p>
15  <h2>Caracteristica Numero 3 creada</h2>
16  <p>modificacion dentro de la caracteristica numero 3</p>
17 </body>
```

The bottom panel contains the `TERMINAL` tab, which is active. It shows the output of a `git` command:

```
git flow feature finish feature3

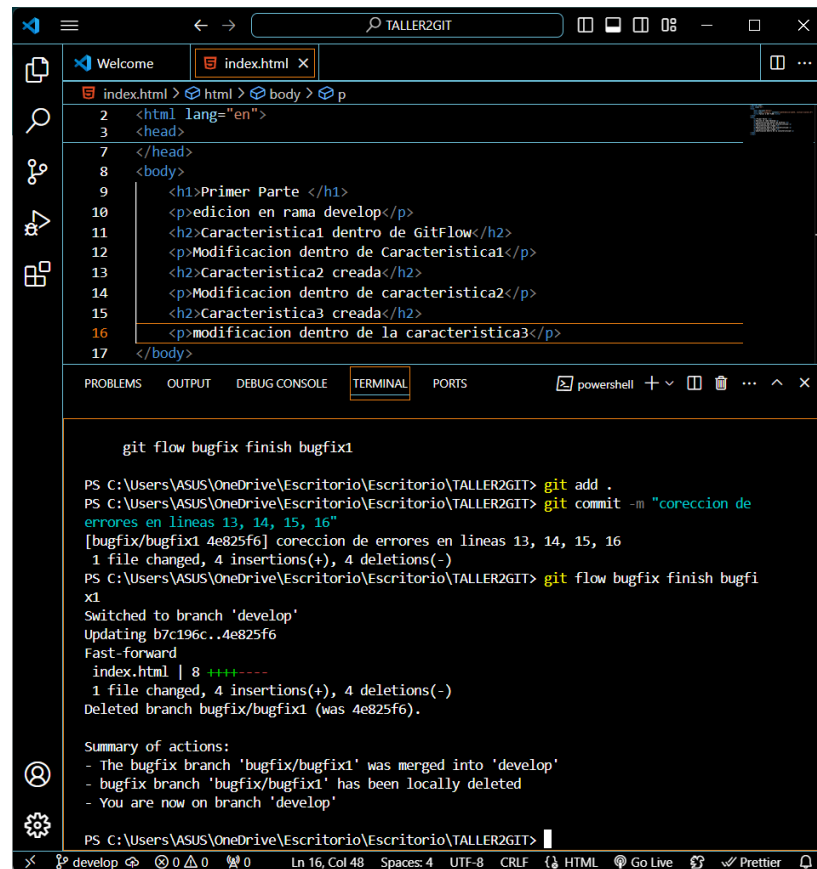
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git add .
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git commit -m "Añadir la tercer caracteristica"
[feature/feature3 b7c196c] Añadir la tercer caracteristica
1 file changed, 2 insertions(+)
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git flow feature finish feature3
Switched to branch 'develop'
Updating 966e51c..b7c196c
Fast-forward
 index.html | 2 ++
1 file changed, 2 insertions(+)
Deleted branch feature/feature3 (was b7c196c).

Summary of actions:
- The feature branch 'feature/feature3' was merged into 'develop'
- Feature branch 'feature/feature3' has been locally deleted
- You are now on branch 'develop'

PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT>
```

The status bar at the bottom indicates the current branch is `develop`, with 0 errors, 0 warnings, and 0 info messages. It also shows the cursor position (Ln 16, Col 57), file encoding (UTF-8), line endings (CRLF), and active extensions (HTML, Go Live, Prettier).

1. c) Rama bugfix



```
index.html | 8 +++----
```

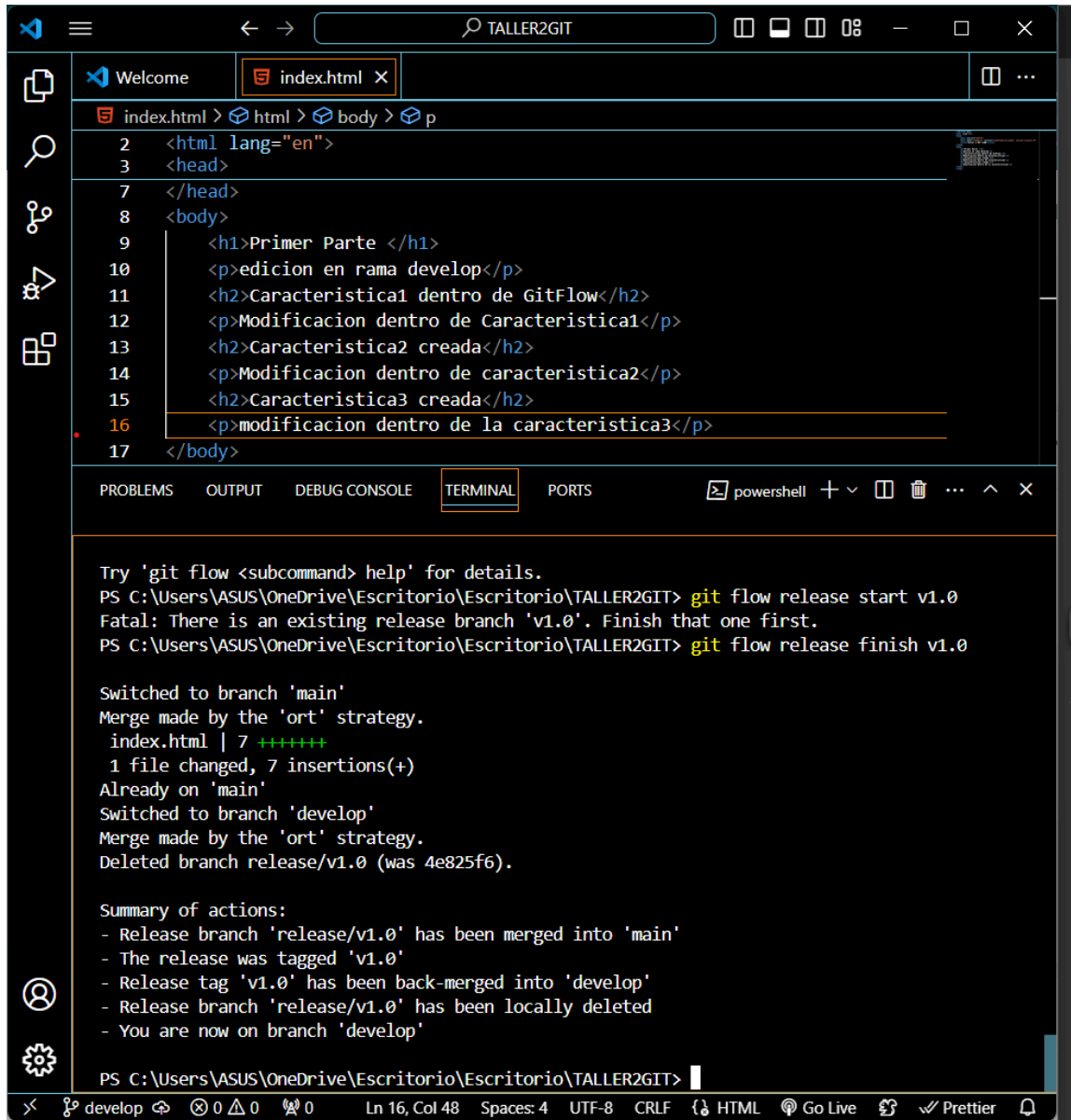
```
git flow bugfix finish bugfix1

PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git add .
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git commit -m "coreccion de errores en lineas 13, 14, 15, 16"
[bugfix/bugfix1 4e825f6] coreccion de errores en lineas 13, 14, 15, 16
1 file changed, 4 insertions(+), 4 deletions(-)
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git flow bugfix finish bugfix1
Switched to branch 'develop'
Updating b7c196c..4e825f6
Fast-forward
 index.html | 8 +++----
1 file changed, 4 insertions(+), 4 deletions(-)
Deleted branch bugfix/bugfix1 (was 4e825f6).

Summary of actions:
- The bugfix branch 'bugfix/bugfix1' was merged into 'develop'
- bugfix branch 'bugfix/bugfix1' has been locally deleted
- You are now on branch 'develop'

PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT>
```

1. d) Lanzamiento



The screenshot shows the Visual Studio Code interface. The editor window displays an HTML file named `index.html` with the following content:

```
2 <html lang="en">
3 <head>
4
5 </head>
6
7 <body>
8   <h1>Primer Parte </h1>
9   <p>edicion en rama develop</p>
10  <h2>Caracteristica1 dentro de GitFlow</h2>
11  <p>Modificacion dentro de Caracteristica1</p>
12  <h2>Caracteristica2 creada</h2>
13  <p>Modificacion dentro de caracteristica2</p>
14  <h2>Caracteristica3 creada</h2>
15  <p>modificacion dentro de la caracteristica3</p>
16
17 </body>
```

The terminal window at the bottom shows the execution of Git Flow commands:

```
Try 'git flow <subcommand> help' for details.
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git flow release start v1.0
Fatal: There is an existing release branch 'v1.0'. Finish that one first.
PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT> git flow release finish v1.0

Switched to branch 'main'
Merge made by the 'ort' strategy.
 index.html | 7 ++++++
 1 file changed, 7 insertions(+)
Already on 'main'
Switched to branch 'develop'
Merge made by the 'ort' strategy.
Deleted branch release/v1.0 (was 4e825f6).

Summary of actions:
- Release branch 'release/v1.0' has been merged into 'main'
- The release was tagged 'v1.0'
- Release tag 'v1.0' has been back-merged into 'develop'
- Release branch 'release/v1.0' has been locally deleted
- You are now on branch 'develop'

PS C:\Users\ASUS\OneDrive\Escritorio\Escritorio\TALLER2GIT>
```

2. GITHUB / Repositorios remotos

<https://github.com/StivencI/Grupo3.git>

3. PREGUNTAS

- a) ¿Cuál consideras que es la ventaja de usar GIT FLOW con respecto al uso estándar de GIT?

Cómo se llegó a ver dentro de la clase GIT FLOW proporciona un marco estructurado que ayuda a gestionar el desarrollo de software de manera más eficiente y organizada, además de asegurar un proceso más controlado para la gestión de las versiones del programa y lanzamientos.

b) ¿ Qué ventajas nos brindan las forjas como GITHUB cuando se trata de un desarrollo colaborativo?

Una de las ventajas que más debemos resaltar es la existencia de un repositorio centralizado el cual permite que todos los programadores que se encuentran trabajando en el mismo proyecto puedan acceder al código asegurando que todos trabajen con la misma versión.

Además de tener la ventaja de conocer los puntos de control realizados por cada desarrollador involucrado en el proyecto y por ende los cambios que cada uno realizó. Mejorando de esta manera la coordinación, comunicación y distribución dentro de los equipos.

c) ¿Cuál consideras que fue el mayor desafío o reto al trabajar en un repositorio remoto con varios contribuidores?

Desde el momento de trabajar dentro de grupos en clase para entender el funcionamiento de los repositorios remotos y el cómo utilizarlos, se pudo notar que la falta de comunicación dentro del equipo podría crear conflictos debido a que varios podíamos escribir y realizar puntos de control donde ambos modificaremos la misma línea de código por ende al hacer el push y subir al repositorio central, los aportes, nos encontrábamos con la existencia de estos conflictos, debido a que todos nos encontrábamos trabajando al inicio dentro de la misma rama central de cada uno de nuestros repositorios locales.

Por ende considero que el mayor desafío, pero a la vez el punto en el cual se debería prestar más atención dentro de los trabajos colaborativos es en la comunicación; se puede generar una gran cantidad de conflictos si no se realiza una organización dentro del equipo