

Release Process

- Initialize git flow

- o git flow init

```
PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> git flow init
Initialized empty Git repository in C:/Users/Sola/Desktop/ITI-g106/Git-Task/.git/
No branches exist yet. Base branches must be created now.
Branch name for production releases: [master] release
Branch name for "next release" development: [develop] develop

How to name your supporting branch prefixes?
Feature branches? [feature/]
Bugfix branches? [bugfix/]
Release branches? [release/]
PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> ^C
PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> git flow init
Initialized empty Git repository in C:/Users/Sola/Desktop/ITI-g106/Git-Task/.git/
No branches exist yet. Base branches must be created now.
Branch name for production releases: [master]
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? []
Hooks and filters directory? [C:/Users/Sola/Desktop/ITI-g106/Git-Task/.git/hooks]
```

- Commit and push changes to develop branch

- Start Release version 1.0.0

- o git flow release start 1.0.0

```
PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> git flow release start 1.0.0
Switched to a new branch 'release/1.0.0'

Summary of actions:
- A new branch 'release/1.0.0' was created, based on 'develop'
- You are now on branch 'release/1.0.0'

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

    git flow release finish '1.0.0'

PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> git branch -a
  develop
  master
* release/1.0.0
```

- Finish Release 1.0.0 and merge to master

- o Git flow release finish 1.0.0

```
PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> git flow release finish 1.0.0
Switched to branch 'master'
Deleted branch release/1.0.0 (was 23e599e).

Summary of actions:
- Release branch 'release/1.0.0' has been merged into 'master'
- The release was tagged '1.0.0'
- Release branch 'release/1.0.0' has been locally deleted
- You are now on branch 'master'
```

- Checkout to develop branch, update BMI calc name, commit and push

- Start release version 1.0.1

```
PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> git flow release start 1.0.1
Switched to a new branch 'release/1.0.1'

Summary of actions:
- A new branch 'release/1.0.1' was created, based on 'develop'
- You are now on branch 'release/1.0.1'

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

    git flow release finish '1.0.1'
```

- Finish Release 1.0.1

```
PS C:\Users\Sola\Desktop\ITI-g106\Git-Task> git flow release finish 1.0.1
Switched to branch 'master'
Merge made by the 'recursive' strategy.
 src/main/resources/templates/index.html | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
Already on 'master'
Switched to branch 'develop'
Already up to date!
Merge made by the 'recursive' strategy.
Deleted branch release/1.0.1 (was 17b4833).

Summary of actions:
- Release branch 'release/1.0.1' has been merged into 'master'
- The release was tagged '1.0.1'
- Release tag '1.0.1' has been back-merged into 'develop'
- Release branch 'release/1.0.1' has been locally deleted
- You are now on branch 'develop'
```

RUN APPLICATION

The screenshot shows a web browser window with the address bar displaying `http://localhost:8000`. The browser's address bar and tabs are visible at the top. The main content area displays a form titled "Body Mass Index Calculator ESLAM ELMISHTAWY". Below the title, there is a prompt: "Enter your weight and your height to see where you stand". The form contains two input fields: "Weight (kg):" with the value "2.0" and "Height (cm):" with the value "40.0". At the bottom of the form is a blue button labeled "Calculate". The browser's developer tools are open on the right side of the window.