

First time (only one time):

1. step1: Update local master

\$ git pull

\$ git remote update

\$ git fetch

2. step2: checkout if you're on local master

\$ git checkout main

> Already on 'main'

Your branch is up to date with 'origin/main'

3. step3: Show all branches

\$ git branch -a

> * main

remotes/origin/HEAD -> origin/main

remotes/origin/development-branch

remotes/origin/main

Workflow :

1. step1: Update local master

```
$ git checkout main
```

```
> Already on 'main'
```

```
Your branch is up to date with 'origin/main'.
```

```
$ git pull
```

2. step2: Open the project (Android studio or Visual studio)

- You're on the main branch, this is the official working version of the project.
- **ONLY run** the project to see the last update. (Do not mess with the main :P)
- Close your IDEA

3. step3: Switch to branch "development-branch"

```
$ git checkout development-branch
```

```
$ git branch -a
```

```
> * development-branch ← (You're on development-branch)
```

```
main
```

```
remotes/origin/HEAD -> origin/main
```

```
remotes/origin/development-branch
```

```
remotes/origin/main
```

```
$ git pull
```

- Now open your IDEA (AS or VS)
- You're now on development-branch
- Do some coding (some well defined (sub) task)
- Don't code too long before doing a commit, do it regularly:

`$ git commit -a -m " a sensible and clear message describing what you have just done."`

- Ok, assume that the task (and sub task) is finished:

`$ git push origin development-branch`

- Close your IDEA (Android studio or Visual basic).