

**Fastcampus**

**Computer Science Extension School**

**Python Basic\_Day8**

## Mini Project

```
recycle_bin = [1,2, "Fastcampus", [], 5,4, 5.6, "패스트캠퍼스"]
```

위 리스트의 요소 중 정수만 제공하여 출력하기

map, filter, lambda를 모두 사용

Hint: isinstance(1, int)

## sign up github

<https://github.com/>

## important!!

- 가입할 `email` 과 `username` 은 멋지게
- private repo를 원한다면 \$7/month

# Set configuration

terminal

```
$ git config --global user.name "{{username}}"
$ git config --global user.email "{{github email address}}"
$ git config --list
```

# My First Repo

Let's make your first repo with github

# My First Repo

```
$ git init
```

```
$ git add .
```

```
$ git commit -m "some commit"
```

After create new repo through github,

```
$ git remote add origin
```

```
https://github.com/{{username}}/{{repo}}.git
```

```
$ git push origin master
```

# What is branch?

# What is branch?





# What is branch?

분기점을 생성하고 독립적으로 코드를 변경할 수 있도록 도와주는 모델

ex)

master branch

```
print('hello world!')
```

another branch

```
for i in range(1,10):  
    print('hello world for the %s times!' % i)
```

# Branch

Show available local branch

```
$ git branch
```

Show available remote branch

```
$ git branch -r
```

Show available All branch

```
$ git branch -a
```

# Branch

Create branch

```
$ git branch stem
```

Checkout branch

```
$ git checkout stem
```

Create & Checkout branch

```
$ git checkout -b new-stem
```

make changes inside [readme.md](#)

```
$ git commit -a -m 'edit readme.md'
```

```
$ git checkout master
```

merge branch

```
$ git merge stem
```

# Branch

delete branch

```
$ git branch -D stem
```

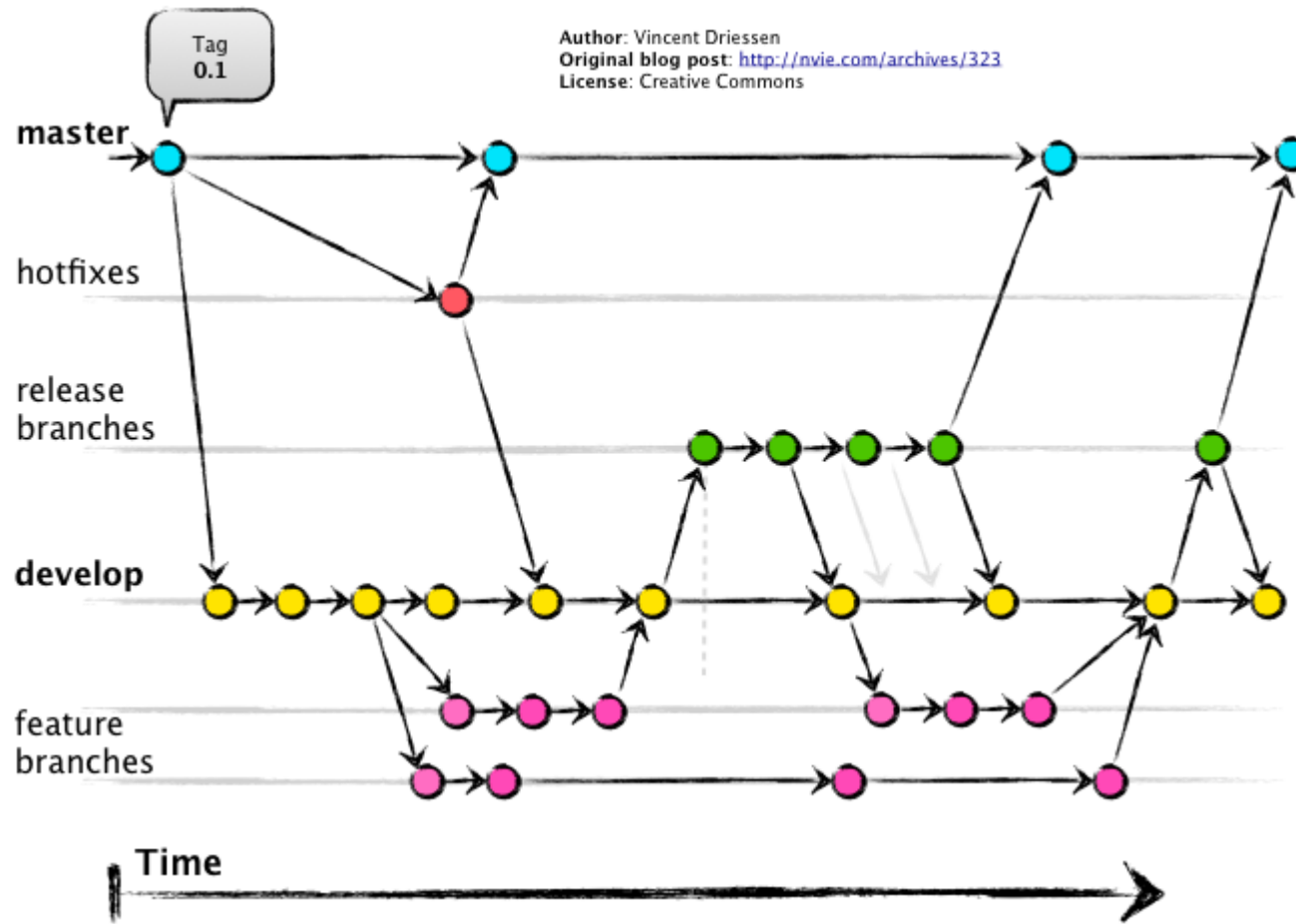
push with specified remote branch

```
$ git push origin stem
```

see the difference between two branches

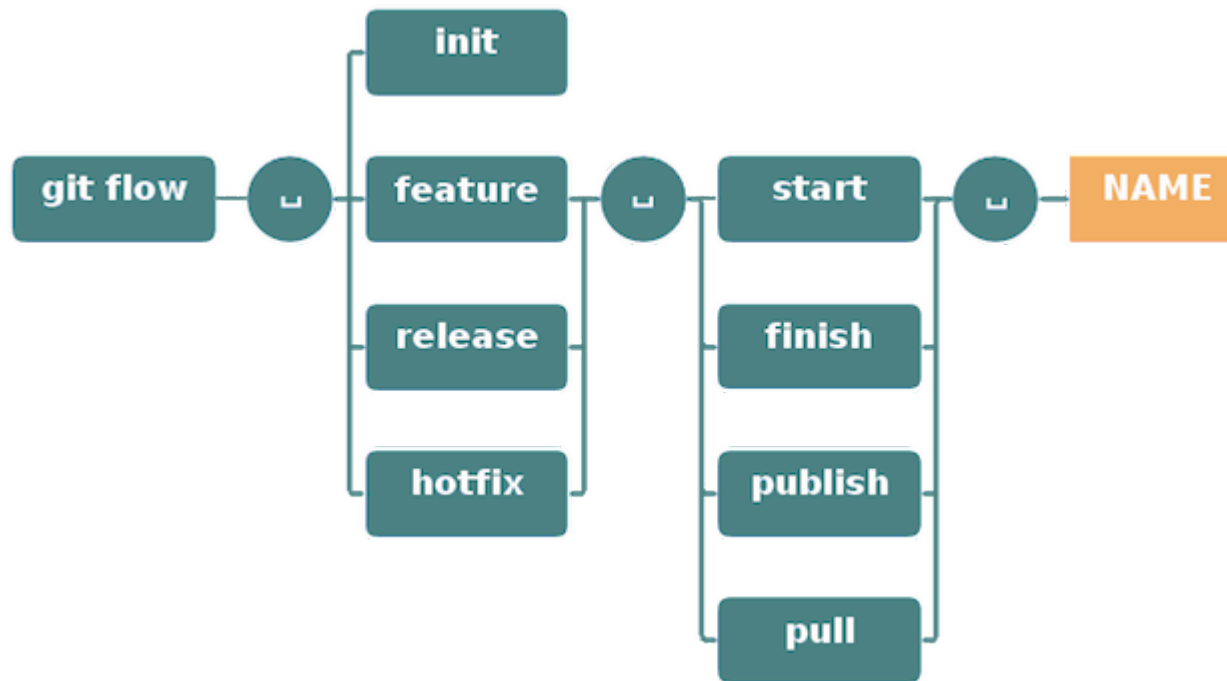
```
$ git diff master stem
```

# git flow strategy



# use git flow easily!

[Link](#)



# **Collaborate with your Co-worker**

# Method 1: Collaboration

## Add Collaborator

[Code](#) [Issues 0](#) [Pull requests 0](#) [Projects 0](#) [Wiki](#) [Settings](#) [Insights ▾](#)

[Options](#)  
**Collaborators**  
[Webhooks](#)  
[Integrations & services](#)  
[Deploy keys](#)

Collaborators

Push access to the repository

This repository doesn't have any collaborators yet. Use the form below to add a collaborator.

**Search by username, full name or email address**  
You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.

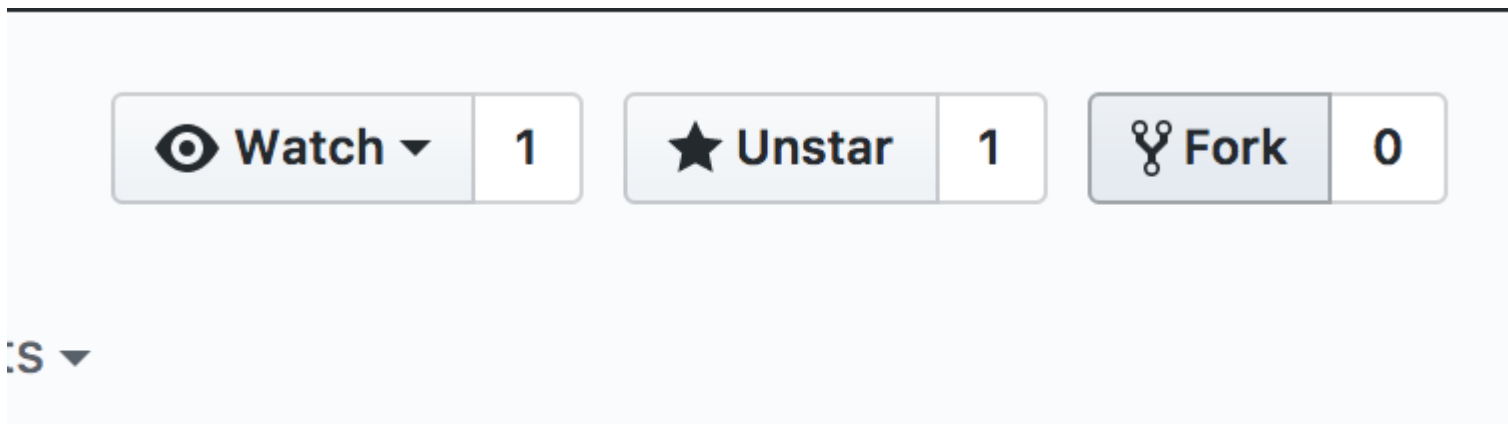
Add collaborator



# Collaboration

Add, Commit and Push like you own it.

## Method 2: Fork and Merge

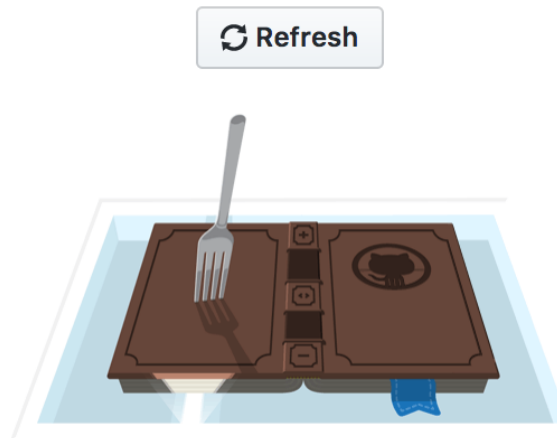


# Fork and Merge


---

## Forking JKeun/study-of-regression-toyota-corolla


It should only take a few seconds.





# Fork and Merge


 **ulgoon / study-of-regression-toyota-corolla**  
forked from [JKeun/study-of-regression-toyota-corolla](#)


 **Code**

 Pull requests **0**


 Projects **0**

 Wiki



 **Study - Regression Analysis using ToyotaCorolla dataset**  
[Add topics](#)

 **9 commits**

 **1 branch**

Branch: **master** ▼

**New pull request**

## Fork and Merge

```
$ git clone https://github.com/username/forked-repo.git
```

## Fork and Merge

```
$ git branch -a
```

```
$ git checkout -b new-feature
```

# Fork and Merge

Make some change

```
$ git add file
```

```
$ git commit -m "commit message"
```

```
$ git push origin new-feature
```

# Fork and Merge

*No description, website, or topics provided.*

Edit

[Add topics](#)

1 commit

3 branches

0 releases

1 contributor

Your recently pushed branches:

edit-index (less than a minute ago)


Compare & pull request




# Fork and Merge

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

 base fork: kingwangzzang1234/kingwa... ▼ base: master ▼ ... head fork: ulgoon/kingwangzzang1234... ▼ compare: edit-index ▼

✓ **Able to merge.** These branches can be automatically merged.



edit index.html

Write

Preview

AA ▼ B i “ <> 🔗 ☰ ☷ ✓ ☰ ↶ @ 📌

add header, footer tag


Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.


☒ Allow edits from maintainers. [Learn more](#)


Create pull request

# Fork and Merge

## edit index.html #2

 **Open** ulgoon wants to merge 1 commit into `kingwangzzang1234:master` from `ulgoon:edit-index`

 Conversation 0

 Commits 1

 Files changed 1




ulgoon commented 17 seconds ago

Contributor



add header, footer tag

 edit index.html ...

d81b362


Add more commits by pushing to the **edit-index** branch on [ulgoon/kingwangzzang1234.github.io](https://github.com/ulgoon/kingwangzzang1234).




**This branch has no conflicts with the base branch**

Only those with [write access](#) to this repository can merge pull requests.


# Fork and Merge


☐  1 Open ✓ 1 Closed

☐  **edit index.html**  
#2 opened 28 seconds ago by ulgoon


# Fork and Merge

## edit index.html #2

 **Open** ulgoon wants to merge 1 commit into `kingwangzzang1234:master` from `ulgoon:edit-index`

 Conversation 0

 Commits 1

 Files changed 1




ulgoon commented 38 seconds ago

Contributor



add header, footer tag

 edit index.html ...

d81b362

Add more commits by pushing to the **edit-index** branch on [ulgoon/kingwangzzang1234.github.io](https://github.com/ulgoon/kingwangzzang1234).



**This branch has no conflicts with the base branch**

Merging can be performed automatically.


**Merge pull request**





You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

# Fork and Merge

## edit index.html #2

 **Open** ulgoon wants to merge 1 commit into `kingwangzzang1234:master` from `ulgoon:edit-index`

 Conversation **0**  Commits **1**  Files changed **1**




ulgoon commented 38 seconds ago

Contributor



add header, footer tag

 `edit index.html` ...

d81b362

Add more commits by pushing to the **edit-index** branch on [ulgoon/kingwangzzang1234.github.io](https://github.com/ulgoon/kingwangzzang1234).



Merge pull request #2 from ulgoon/edit-index

edit index.html

**Confirm merge**

Cancel

# Fork and Merge

## edit index.html #2

**Merged** kingwangzzang... merged 1 commit into kingwangzzang1234:master from ulgoon:edit-index just now

Conversation 0 Commits 1 Files changed 1



ulgoon commented 38 seconds ago

Contributor



add header, footer tag

edit index.html ...

d81b362



kingwangzzang1234 merged commit 45d71fa into kingwangzzang1234:master just now

Revert