

Cowork with github flow

이어드림스쿨

github flow with fork

Create a New Repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project elsewhere? [Import a repository.](#)

Owner *

Repository name *

 kingwangzzang1234 ▾

 /

ghflow-demo ✓

Great repository names are short and memorable. Need inspiration? How about **vigilant-si**

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Go to file

Add file ▾

Code ▾

Clone

?

HTTPS

SSH

GitHub CLI

https://github.com/kingwangzzang1234/g

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

About

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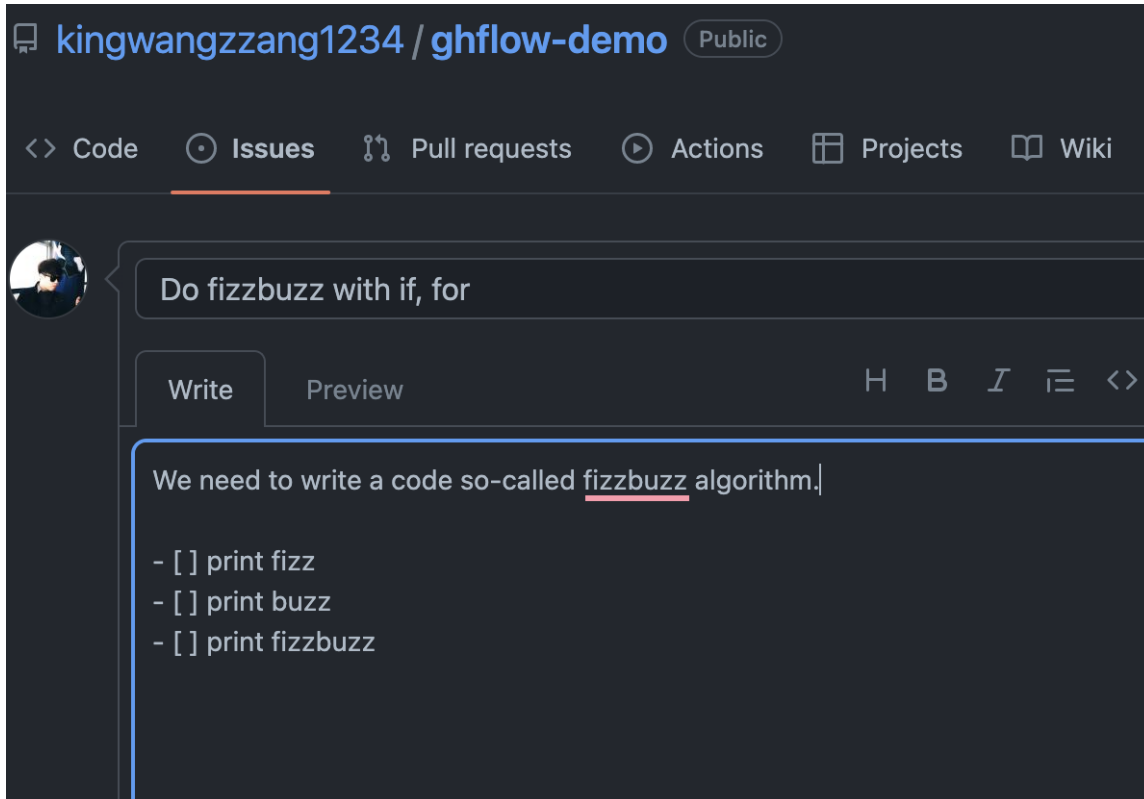
이어드림스쿨, Wooyoung Choi, 2022

4

Clone and Create `fizzbuzz.py`

```
vagrant@ubuntu-bionic:~/Documents/dev/ghflow-demo$ ls
LICENSE  README.md
vagrant@ubuntu-bionic:~/Documents/dev/ghflow-demo$ touch fizzbuzz.py
vagrant@ubuntu-bionic:~/Documents/dev/ghflow-demo$ vi fizzbuzz.py
vagrant@ubuntu-bionic:~/Documents/dev/ghflow-demo$ python3 fizzbuzz.py
hello!
vagrant@ubuntu-bionic:~/Documents/dev/ghflow-demo$ git add fizzbuzz.py
vagrant@ubuntu-bionic:~/Documents/dev/ghflow-demo$ git commit
[main 2935b84] feat: Create fizzbuzz.py
 1 file changed, 1 insertion(+)
 create mode 100644 fizzbuzz.py
vagrant@ubuntu-bionic:~/Documents/dev/ghflow-demo$ git push origin main
Counting objects: 3, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 303 bytes | 303.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/kingwangzzang1234/ghflow-demo.git
   a934cfe..2935b84  main -> main
```

Create a New issue



kingwangzzang1234 / ghflow-demo Public

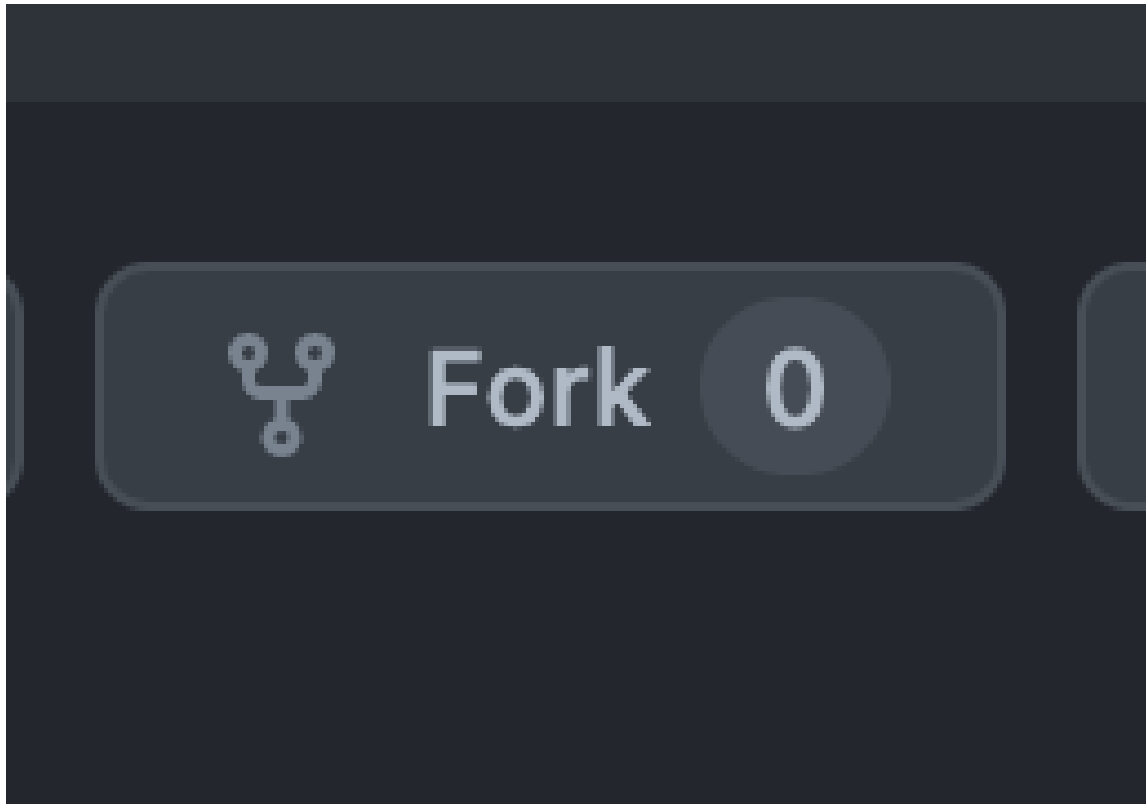
<> Code Issues Pull requests Actions Projects Wiki

Do fizzbuzz with if, for

Write Preview H B I i≡ <>

We need to write a code so-called fizzbuzz algorithm.

- [] print fizz
- [] print buzz
- [] print fizzbuzz




kingwangzzang1234 / ghflow-demo Public

[Code](#) [Issues](#) 1 [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#)

Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment without affecting the original project.

Owner *

 ulgoon

Repository name *

ghflow-demo

By default, forks are named the same as their parent repository. You can customize further.

Description (optional)

Create fork

~/Documents/dev via  3.10.0

→ git clone https://github.com/ulgoon/ghflow-demo.git

Cloning into 'ghflow-demo'...

remote: Enumerating objects: 8, done.

remote: Counting objects: 100% (8/8), done.

remote: Compressing objects: 100% (5/5), done.

remote: Total 8 (delta 1), reused 4 (delta 1), pack-reused



Receiving objects: 100% (8/8), done.

Resolving deltas: 100% (1/1), done.

~/Documents/dev via  3.10.0

→ cd ghflow-demo



Set upstream(to pull recent changes)

```
ghflow-demo on  main via  3.10.0
```


```
→ git remote  
origin
```

```
ghflow-demo on  main via  3.10.0
```

```
→ git remote add upstream https://github.com/kingwangzzang1234/ghflow-demo.git
```

```
ghflow-demo on  main via  3.10.0
```

```
→ git remote set-url --push upstream no-push
```

```
ghflow-demo on  main via  3.10.0
```

```
→ git remote -v
```

```
origin https://github.com/ulgoon/ghflow-demo.git (fetch)
```

```
origin https://github.com/ulgoon/ghflow-demo.git (push)
```

```
upstream https://github.com/kingwangzzang1234/ghflow-demo.git (fetch)
```

```
upstream no-push (push)
```

Assignees



ulgoon

Labels



enhancement

Work!

```
ghflow-demo on 📌 main via 🐍 3.10.0
→ git checkout fizzbuzz-if-for
Switched to branch 'fizzbuzz-if-for'

ghflow-demo on 📌 fizzbuzz-if-for via 🐍 3.10.0
→ vi

ghflow-demo on 📌 fizzbuzz-if-for [!] via 🐍 3.10.0 took 40s
→ python fizzbuzz.py
1
2
fizz
4
buzz
fizz
7
8
fizz

ghflow-demo on 📌 fizzbuzz-if-for [!] via 🐍 3.10.0
→ git add fizzbuzz.py

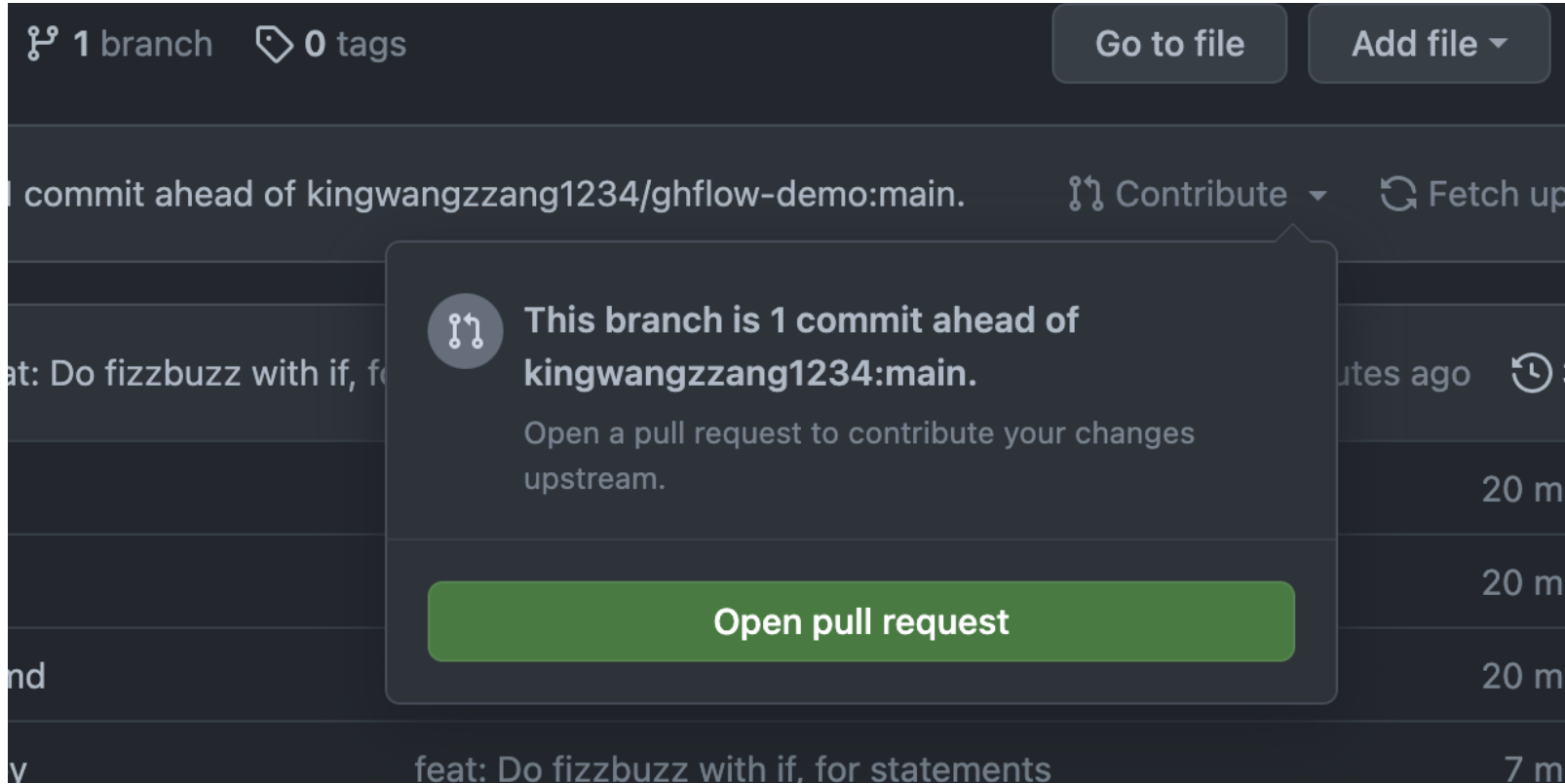
ghflow-demo on 📌 fizzbuzz-if-for [+] via 🐍 3.10.0
→ git commit
[fizzbuzz-if-for daf0389] feat: Do fizzbuzz with if, for statements
1 file changed, 9 insertions(+), 1 deletion(-)
```

```
ghflow-demo on 🍷 fizzbuzz-if-for via 🐍 3.10.0 took 11s
→ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

ghflow-demo on 🍷 main via 🐍 3.10.0
→ git merge fizzbuzz-if-for
Updating 2935b84..daf0389
Fast-forward
  fizzbuzz.py | 10 ++++++++-
  1 file changed, 9 insertions(+), 1 deletion(-)

ghflow-demo on 🍷 main [↑] via 🐍 3.10.0
→ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 349 bytes | 349.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ulgoon/ghflow-demo.git
  2935b84..daf0389  main -> main
```

Open pull request



Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).



base repository: kingwangzzang1234/ghflow-... ▼

base: main ▼



head repository: ulgoon/ghflow-demo ▼

compare: main ▼

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

Discuss and review the changes in this comparison with others. [Learn about pull requests](#)

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 repository: kingwangzzang1234/ghflow-...

base: main



head repository: ulgoon/ghflow-demo

compare: main

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



feat: Do fizzbuzz with if, for statements

Write

Preview

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close #1

• #1 Do fizzbuzz with if, for



Attach files by dragging & dropping, selecting or pasting them.



☒ Allow edits by maintainers ?

Create pull request



Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Link pull request to an issue

<https://docs.github.com/en/issues/tracking-your-work-with-issues/linking-a-pull-request-to-an-issue#linking-a-pull-request-to-an-issue-using-a-keyword>



Code review

feat: Do fizzbuzz with if, for statements #2

 Open ulgoon wants to merge 1 commit into `kingwangzzang1234:main` from `ulgoon:main` 

 Conversation 0  Commits 1  Checks 0  Files changed 1

Changes from all commits ▾ File filter ▾ Conversations ▾ Jump to ▾  ▾


10  fizzbuzz.py 

... @@ -1 +1,9 @@


1 - print('hello!')

1 + for i in range(1,10):

Write Preview



Set range 10 to 20+1

Attach files by dragging & dropping, selecting or pasting them. 

Cancel

Add single comment

Start a review

0 / 1 files viewed ⓘ Finish your review 2 ▾

Finish your review ×

Write Preview

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Get it done in 1 hour.

Attach files by dragging & dropping, selecting or pasting them. 📎

☐ Comment

Submit general feedback without explicit approval.

☐ Approve

Submit feedback and approve merging these changes.

☒ Request changes

Submit feedback that must be addressed before merging.



Submit review

2 pending comments

ghflow-demo on  main via  3.10.0

→ git checkout fizzbuzz-if-for

Switched to branch 'fizzbuzz-if-for'

ghflow-demo on  fizzbuzz-if-for via  3.10.0

→ vi

ghflow-demo on  fizzbuzz-if-for [!] via  3.10.0 took 7s

→ git add fizzbuzz.py

ghflow-demo on  fizzbuzz-if-for [+] via  3.10.0

→ git commit

[fizzbuzz-if-for ee81337] fix: Set num range 10 to 20+1
1 file changed, 1 insertion(+), 1 deletion(-)

```
ghflow-demo on 🍷 fizzbuzz-if-for [!] via 🐍 3.10.0 took 31s
→ git add fizzbuzz.py

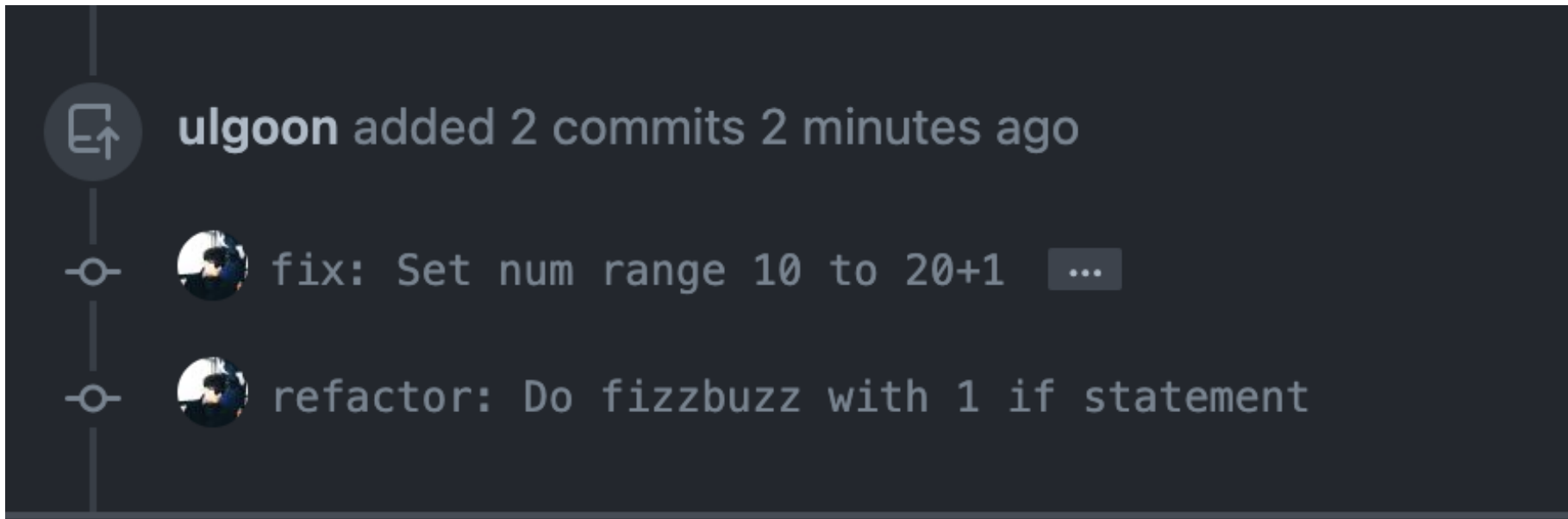
ghflow-demo on 🍷 fizzbuzz-if-for [+] via 🐍 3.10.0
→ git commit
[fizzbuzz-if-for 0af56b4] refactor: Do fizzbuzz with 1 if statement
1 file changed, 2 insertions(+), 6 deletions(-)

ghflow-demo on 🍷 fizzbuzz-if-for via 🐍 3.10.0 took 12s
→ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

ghflow-demo on 🍷 main via 🐍 3.10.0
→ git merge fizzbuzz-if-for
Updating daf0389..0af56b4
Fast-forward
fizzbuzz.py | 10 +++-----
1 file changed, 3 insertions(+), 7 deletions(-)

ghflow-demo on 🍷 main [!] via 🐍 3.10.0
→ git push origin main
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 668 bytes | 668.00 KiB/s, done.
Total 6 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 2 local objects.
To https://github.com/ulgoon/ghflow-demo.git
daf0389..0af56b4 main -> main
```

All commit goes to opened pull request(same branch)



Approve and merge it

all commits ▾ File filter ▾ Conversations ▾ Jump to ▾ ⚙ ▾

1 / 1 files viewed



Review changes ▾

fizzbuzz.py

```
... @@ -1 +1,5 @@  
- print('hello!')  
1 + for i in range(1,20+1):  
2 +     if i%3==0 or i%5==0:  
3 +         print('fizz'*(i%3==0)+'buzz'*(i%5==0))  
4 +     else:  
5 +         print(i)
```

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[Docs](#)

Finish your review



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Well done!

Attach files by dragging & dropping, selecting or pasting them.



☐ Comment

Submit general feedback without explicit approval.

☒ Approve

Submit feedback and approve merging these changes.

☐ Request changes

Submit feedback that must be addressed before merging.

Submit review

Add more commits by pushing to the **main** branch on **ulgoon/ghflow-demo**.



Changes approved

1 approving review [Learn more](#).

[Show all reviewers](#)



1 approval



Continuous integration has not been set up

[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.





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](#).

 kingwangzzang1234 / ghflow-demo Public

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[main](#) [ghflow-demo / fizzbuzz.py](#) / [Jump to](#)

 **ulgoon** refactor: Do fizzbuzz with 1 if statement


[2 contributors](#)  

5 lines (5 sloc) | 123 Bytes

```
1  for i in range(1,20+1):
2      if i%3==0 or i%5==0:
3          print('fizz'*(i%3==0)+'buzz'*(i%5==0))
4      else:
5          print(i)
```

Handling Conflict while pull your request

Your todo

 [kingwangzzang1234 / ghflow-demo](#) Public


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Update README.md #3



Edit New issue



Open ulgoon opened this issue 19 seconds ago · 0 comments




ulgoon commented 19 seconds ago

We need add contents on README.md

  kingwangzzang1234 assigned ulgoon now

  kingwangzzang1234 added the documentation label now

Assignees

-  ulgoon

Labels


- documentation


Projects

- None yet


Edit on remote directly to practice

Do not work like that

 main ▾ [ghflow-demo](#) / README.md Go to file ...

 **kingwangzzang1234** Initial commit

Latest commit a934cfe 28 minutes ago [History](#)

 1 contributor

1 lines (1 sloc) | 13 Bytes

<> 📄 Raw Blame 🖨 ✎ 🗑

Edit this file

ghflow-demo

Result on remote

main ghflow-demo / README.md

kingwangzzang1234 Update README.md ...

1 contributor

8 lines (5 sloc) | 143 Bytes

Demo Repository of Github flow

This repository is to show how github flow with fork works.

Contributors

- @kingwangzzang1234
- @ulgoon

Work on local repo

```
ghflow-demo on ʘ main via 🐘 3.10.0
→ git branch docs-update

ghflow-demo on ʘ main via 🐘 3.10.0
→ git checkout docs-update
Switched to branch 'docs-update'

ghflow-demo on ʘ docs-update via 🐘 3.10.0
→ vi README.md

ghflow-demo on ʘ docs-update [!] via 🐘 3.10.0 took 21s
→ git add README.md

ghflow-demo on ʘ docs-update [+] via 🐘 3.10.0
→ git commit
[docs-update 18fcf6c] docs: Update README.md
1 file changed, 3 insertions(+), 1 deletion(-)

ghflow-demo on ʘ docs-update via 🐘 3.10.0 took 7s
→ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

ghflow-demo on ʘ main via 🐘 3.10.0
→ git merge docs-update
Updating 0af56b4..18fcf6c
Fast-forward
 README.md | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)


ghflow-demo on ʘ main [!] via 🐘 3.10.0
→ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 296 bytes | 296.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ulgoon/ghflow-demo.git
0af56b4..18fcf6c main -> main
```

All red is not good

but, you can open it anyway.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

 base repository: kingwangzzang1234/ghflow-... ▼

base: main ▼


←


head repository: ulgoon/ghflow-demo ▼

compare: main ▼

✖ **Can't automatically merge.** Don't worry, you can still create the pull request.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#)

 1 commit

 1 file changed

base repository: kingwangzzang1234/ghflow-...

base: main

head repository: ulgoon/ghflow-demo

compare: mai

✖ Can't automatically merge. Don't worry, you can still create the pull request.

docs: Update README.md

Write

Preview

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close #

#3 Update README.md

🔗 #2 feat: Do fizzbuzz with if, for statements

☑ #1 Do fizzbuzz with if, for

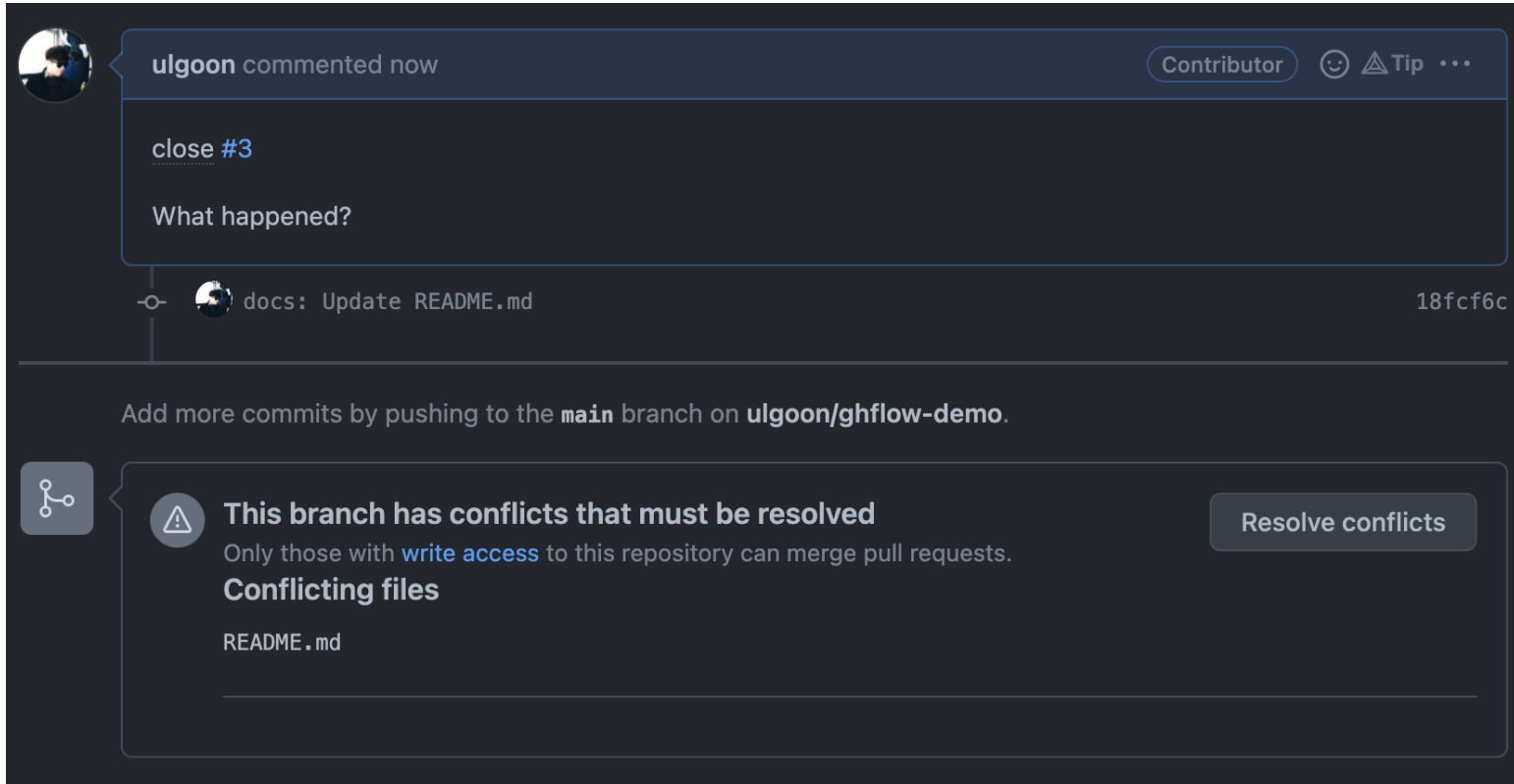
Attach files by dragging & dropping, selecting or pasting them.

M+

☒ Allow edits by maintainers ?

Create pull request

When you see conflict sign, do it on local



pull remote(or upstream), resolve conflict and push

```
ghflow-demo on ̣ main via 2 3.10.0 took 2s
→ git pull upstream main
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 1.36 KiB | 464.00 KiB/s, done.
From https://github.com/kingwangzzang1234/ghflow-demo
 * branch          main      -> FETCH_HEAD
 * [new branch]     main      -> upstream/main
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squelch this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only       # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.

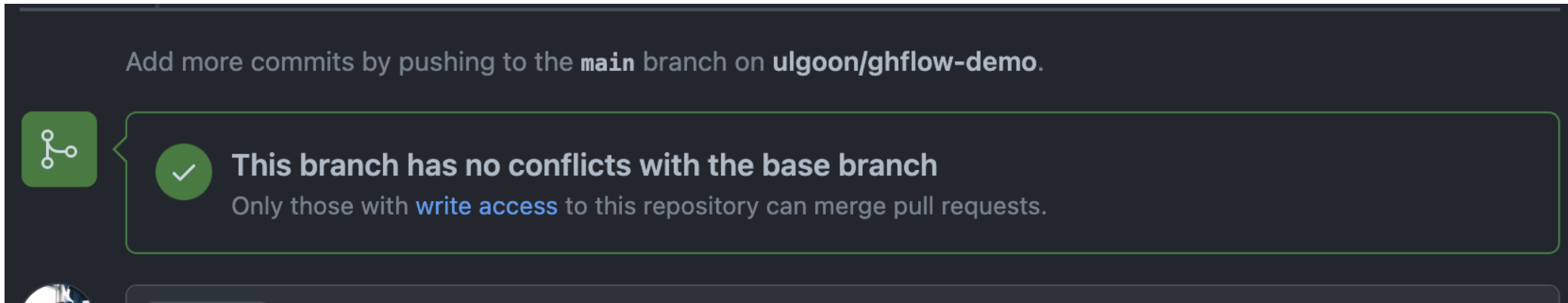
ghflow-demo on ̣ (git)-[main|merge]- [=] via 2 3.10.0
→ vi README.md

ghflow-demo on ̣ (git)-[main|merge]- [=] via 2 3.10.0 took 30s
→ git add README.md

ghflow-demo on ̣ (git)-[main|merge]- [+] via 2 3.10.0
→ git commit
[main a515ec9] Merge branch 'main' of https://github.com/kingwangzzang1234/ghflow-demo

ghflow-demo on ̣ main [±] via 2 3.10.0 took 18s
→ git push origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
```

Color has changed!



Complete Code review!








1 / 1 files viewed

Review changes

Finish your review

Write

Preview

H B I  <>     @  

Gotcha

Attach files by dragging & dropping, selecting or pasting them.

☐ Comment

Submit general feedback without explicit approval.

☒ Approve

Submit feedback and approve merging these changes.

☐ Request changes

Submit feedback that must be addressed before merging.

Submit review

To avoid this situations,

- 브랜치를 생성한 뒤 작업을 실시하며, 작업이 끝난 후 브랜치 merge 전 main branch를 pull(or fetch and merge)하여 미리 최신사항을 반영
- Repository의 Webhook을 slack 이나 discord 같은 workspace에 연결하여 변경사항을 수시로 확인