GIT Introduction

Windows Programming Course

Idea

Bug fix

Removed old text

Added new text

Master

Added new feature

Feature bug fix

GIT Term

◎ **Branch**: Used to create another line of development. By default, Git has a master branch. A branch is created to work on a new feature. Once the feature is completed, it is merged back with the master branch and we delete the branch.

◎ **Tag**: A specific version in the repository. Tags are very similar to branches, but the difference is that tags are immutable.

◎ **Commit**: Commit holds the current state of the repository. A commit is also named by **SHA1** hash.

Git commands

git clone [url]: Downloads a project and its entire version history

git status: To check the current status of your local code in your system

git add: To add the changes you made in the branch of a repository you are working

git commit -m "[descriptive message]" : Records file snapshots permanently in version history

git push [alias] [branch] : Uploads all local branch commits to GitHub

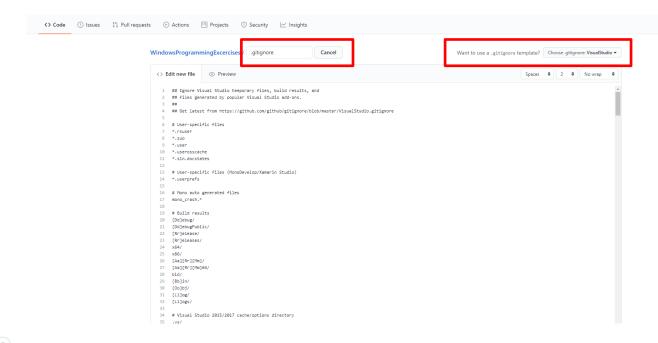git pull : Downloads bookmark history and incorporates changes

git fetch : Downloads all history from the repository bookmark

GIT Client

◎ GitHub Desktop

◎ Fork

◎ SourceTree

◎ Visual Studio

◎ Visual Code

◎ …

.gitignore

			Confirm
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2	Huỳnh Minh Toàn	1811061845	X
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6	Bùi Đức Thiện	1811061027	X
7	Trần Đăng Khoa	1811770183	X
8	Hồ Trịnh Mẫn	1811063282	X
9	Nguyễn Trọng Đạt	1811060162	X
10	Tào Bảo Long	1811062686	X
11	Nguyễn Thành Đạt	1811060158	X
12	Lê Công Hậu	1811061499	X
13	Trần Hùng Cường	1811062399	Chưa access được
14	TrangGiaHuy	1811061125	X
15	Hồ Trịnh Mẫn	1811063282	X
16	Bùi Đức Thiện	1811061027	X
17	Lương Phúc Khang	1811061626	Commit sai
18	Trần Lê Tấn Đức	1811060187	X
19	TrangGiaHuy	1811061125	X
20	Trần Hùng Cường	1811062399	Chưa access được
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Thanks!

Any questions?

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