

## Git101 实战练习二

### Checklist:

- ✧ git branch
- ✧ git checkout
- ✧ git merge

一、基于练习一，两个同学分别使用“git branch”命名创建一个自己的基于 main 分支的新分支（名字使用英文小写，单词间使用-连接）

二、然后使用“git checkout {branch-name}”。对项目中的文件进行一系列的操作。

三、然后使用 merge 把新分支合并到 main 分支。

备注：如果忘记命令，可以使用“git  
--help”查询

```
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
        [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
        <command> [<args>]
```

These are common Git commands used in various situations:

start a working area (see also: `git help tutorial`)

<code>clone</code>	Clone a repository into a new directory
<code>init</code>	Create an empty Git repository or reinitialize an existing one

work on the current change (see also: `git help everyday`)

<code>add</code>	Add file contents to the index
<code>mv</code>	Move or rename a file, a directory, or a symlink
<code>restore</code>	Restore working tree files
<code>rm</code>	Remove files from the working tree and from the index

examine the history and state (see also: `git help revisions`)

<code>bisect</code>	Use binary search to find the commit that introduced a bug
<code>diff</code>	Show changes between commits, commit and working tree, etc
<code>grep</code>	Print lines matching a pattern
<code>log</code>	Show commit logs
<code>show</code>	Show various types of objects
<code>status</code>	Show the working tree status

grow, mark and tweak your common history

<code>branch</code>	List, create, or delete branches
<code>commit</code>	Record changes to the repository
<code>merge</code>	Join two or more development histories together
<code>rebase</code>	Reapply commits on top of another base tip
<code>reset</code>	Reset current HEAD to the specified state
<code>switch</code>	Switch branches
<code>tag</code>	Create, list, delete or verify a tag object signed with GPG

collaborate (see also: `git help workflows`)

<code>fetch</code>	Download objects and refs from another repository
<code>pull</code>	Fetch from and integrate with another repository or a local branch
<code>push</code>	Update remote refs along with associated objects

'`git help -a`' and '`git help -g`' list available subcommands and some concept guides. See '`git help <command>`' or '`git help <concept>`' to read about a specific subcommand or concept.  
See '`git help git`' for an overview of the system.