```
Last login: Mon May 10 15:25:25 on ttys001
The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
(base) Kos-MacBook-Air:~ amy19951015$ cd desktop/git_workshop_restart
(base) Kos-MacBook-Air:git_workshop_restart amy19951015$ git init
重新初始化已存在的 Git 版本庫於 /Users/amy19951015/Desktop/git_workshop_restart/.git/
(base) Kos-MacBook-Air:git_workshop_restart amy19951015$ git config -l
credential.helper=osxkeychain
user.name=Ko-Ping Chou
user.email=m755108001@tmu.edu.tw
core.editor=atom
core.repositoryformatversion=0
core.filemode=true
core.bare=false
core.logallrefupdates=true
core.ignorecase=true
core.precomposeunicode=true
(base) Kos-MacBook-Air:git_workshop_restart amy19951015$ git clone https://github.com/kopingchou1015/gitasktic.git
正複製到 'qitasktic'..
remote: Enumerating objects: 88, done.
remote: Counting objects: 100% (88/88), done.
remote: Compressing objects: 100% (62/62), done.
remote: Total 88 (delta 41), reused 62 (delta 21), pack-reused 0
展開物件中: 100% (88/88), 2.08 MiB | 885.00 KiB/s, 完成.
(base) \ Kos-MacBook-Air: git\_workshop\_restart \ amy 19951015\$ \ git \ branch
(base) Kos-MacBook-Air:git_workshop_restart amy19951015$ cd gitasktic
(base) Kos-MacBook-Air:gitasktic amy19951015$ git branch
* master
(base) Kos-MacBook-Air:gitasktic amy19951015$ git branch tinker
(base) Kos-MacBook-Air:gitasktic amy19951015$ git branch
* master
 tinker
(base) Kos-MacBook-Air:gitasktic amy19951015$ cd ODD_BALL
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git commit -m "change eeg=True into eeg=False"
[master 30106f7] change eeg=True into eeg=False
 1 file changed, 1 insertion(+), 1 deletion(-)
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git log --oneline
30106f7 (HEAD -> master) change eeg=True into eeg=False 932ffe9 (origin/master, origin/HEAD, tinker) Error adjustment.
bf36899 upload workshop III slides
e2bffb7 Add extra day.
Obe080f WII slides and outline update.
7e4478d Update outline and readme.md
82fa9d0 ver 0.01
4961580 Add dates to outline.
3d58166 Update before the course began.
d9787b1 Update README.md
3648c11 Fix a bug of parallel port pin arrangement
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35f6a11 debug
fdca262 Merge remote-tracking branch 'origin/master'
4f194ff debug
39631ea EDITED odd_ball.py
8329b4c Loading duck
866b457 edited to fit Odd Read me
c529d28 Merge remote-tracking branch 'origin/master'
bedc41e Psychopy: ODD BALL w Parallel Port
e6c4eba Initial commit
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git log
commit 30106f74834f9b739077814c689bdf862d484bab (HEAD -> master)
Author: Ko-Ping Chou <m755108001@tmu.edu.tw>
Date: Mon May 10 15:30:16 2021 +0800
    change eeg=True into eeg=False
commit 932ffe9f61b4d627c0f3be6007678a25625426a9 (origin/master, origin/HEAD, tinker)
Author: Paul Z. Cheng <paul.z.cheng@gmail.com>Date: Mon May 10 12:20:39 2021 +0800
    Error adjustment.
commit bf36899b2f08cde457a7ba8f0cca19c6b1db4c07
Author: Paul Z. Cheng <paul.z.cheng@gmail.com>
      Mon May 10 12:13:36 2021 +0800
    upload workshop III slides
commit e2bffb70fa96890d63732ed95da2fdb95eafd914
Author: paul30402 <paul.z.cheng@gmail.com>
Date: Mon May 3 17:33:52 2021 +0800
    Add extra day.
commit 0be080fc93e3f1efa2b9a128de35a9b9b1b73150
Author: paul30402 <paul.z.cheng@gmail.com>
Date: Mon May 3 17:32:01 2021 +0800
    WII slides and outline update.
```

```
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git status
位於分支 master
您的分支領先 'origin/master' 共 1 個提交。
  (使用 "git push" 來發布您的本機提交)
未追蹤的檔案:
  (使用 "git add <檔案>..." 以包含要提交的內容)
       ../.DS Store
提交為空,但是存在尚未追蹤的檔案 (使用 "git add" 建立追蹤)
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git checkout master
已經位於 'master'
您的分支領先 'origin/master' 共 1 個提交
  (使用 "git push" 來發布您的本機提交)
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git branch
* master
 tinker
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git merge tinker
已經是最新的。
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git checkout master
已經位於 'master'
您的分支領先 'origin/master' 共 1 個提交。
  (使用 "git push" 來發布您的本機提交)
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git push origin master
枚舉物件: 7, 完成.
物件計數中: 100% (7/7), 完成.
使用 4 個執行緒進行壓縮
壓縮物件中: 100% (4/4), 完成.
寫入物件中: 100% (4/4), 374 位元組 | 374.00 KiB/s, 完成.
總共 4 (差異 3),復用 0 (差異 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/kopingchou1015/gitasktic.git
  932ffe9..30106f7 master -> master
(base) Kos-MacBook-Air:ODD_BALL amy19951015$ git status
位於分支 master
您的分支與上游分支 'origin/master' 一致。
  (使用 "git add <檔案>..." 以包含要提交的內容)
       ../.DS_Store
提交為空,但是存在尚未追蹤的檔案 (使用 "git add" 建立追蹤)
(base) Kos-MacBook-Air:ODD_BALL amy19951015\$ cd .
(base) Kos-MacBook-Air:gitasktic amy19951015$ mkdir git_week2
(base) Kos-MacBook-Air:gitasktic amy19951015$ git add .
(base) Kos-MacBook-Air:gitasktic amy19951015$ git commit -m "add git_week2 folder"
[master 00afe9e] add git_week2 folder
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 .DS_Store
(base) Kos-MacBook-Air:gitasktic amy19951015$ git log -oneline
fatal: 未能識別的參數: -oneline
(base) Kos-MacBook-Air:gitasktic amy19951015$ git log --oneline
00afe9e (HEAD -> master) add git_week2 folder
30106f7 (origin/master, origin/HEAD) change eeg=True into eeg=False
932ffe9 (tinker) Error adjustment.
bf36899 upload workshop III slides
e2bffb7 Add extra day.
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8329b4c Loading duck
866b457 edited to fit Odd Read me
c529d28 Merge remote-tracking branch 'origin/master'
bedc41e Psychopy: ODD BALL w Parallel Port
e6c4eba Initial commit
(base) Kos-MacBook-Air:gitasktic amy19951015$ git merge tinker
已經是最新的。
(base) Kos-MacBook-Air:gitasktic amy19951015$ git branch
* master
 tinker
(base) Kos-MacBook-Air:gitasktic amy19951015$ cd git_week2
(base) Kos-MacBook-Air:git_week2 amy19951015$ git add miss_num.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git commit -m "miss_num.py version 1."
[master 8dc4fe5] miss_num.py version 1.
1 file changed, 32 insertions(+)
 create mode 100644 git_week2/miss_num.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git log --oneline
8dc4fe5 (HEAD -> master) miss_num.py version 1.
00afe9e add git_week2 folder
30106f7 (origin/master, origin/HEAD) change eeg=True into eeg=False
932ffe9 (tinker) Error adjustment.
bf36899 upload workshop III slides
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e2bffb7 Add extra day.
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c529d28 Merge remote-tracking branch 'origin/master'
bedc41e Psychopy: ODD BALL w Parallel Port
e6c4eba Initial commit
(base) Kos-MacBook-Air:git_week2 amy19951015$ git add miss_num.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git commit -m "miss_num.py version 2."
[master a99c326] miss_num.py version 2.
1 file changed, 1 insertion(+), 1 deletion(-)
(base) Kos-MacBook-Air:git_week2 amy19951015$ git log --oneline
a99c326 (HEAD -> master) miss_num.py version 2.
8dc4fe5 miss_num.py version 1.
00afe9e add git_week2 folder
30106f7 (origin/master, origin/HEAD) change eeg=True into eeg=False
932ffe9 (tinker) Error adjustment.
bf36899 upload workshop III slides
e2bffb7 Add extra day.
0be080f WII slides and outline update.
7e4478d Update outline and readme.md
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7c21e6c v.002 parallport working
35f6a11 debug
fdca262 Merge remote-tracking branch 'origin/master'
4f194ff debug
39631ea EDITED odd_ball.py
8329b4c Loading duck
866b457 edited to fit Odd Read me
c529d28 Merge remote-tracking branch 'origin/master'
bedc41e Psychopy: ODD BALL w Parallel Port
e6c4eba Initial commit
(base) Kos-MacBook-Air:git_week2 amy19951015$ git checkout 8dc4fe5
注意:正在切換到 '8dc4fe5'
您正處於分離開頭指標狀態。您可以檢視、做實驗性的修改及提交,並且您可以在切換
回一個分支時,捨棄在此狀態下所做的提交而不對分支造成影響。
如果您想要透過建立分支來保留在此狀態下所做的提交,您可以透過在 switch 指令
中新增參數 -c 來實現 (現在或稍後)。例如:
 ait switch -c <新分支名>
或者復原此動作:
 ait switch -
诱過將設定變數 advice.detachedHead 設定為 false 來關閉此建議
HEAD 目前位於 8dc4fe5 miss_num.py version 1.
(base) Kos-MacBook-Air:git_week2 amy19951015$ git branch miss_num
(base) Kos-MacBook-Air:git_week2 amy19951015$ mv miss_num_v1.py
usage: mv [-f \mid -i \mid -n] [-v] source target
      mv [-f \mid -i \mid -n] [-v] source ... directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ mv miss_num.py miss_num_v1.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git add miss_num_v1.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git commit -m "Missing num version only detect one missing number"
[分離開頭指標 11625ca] Missing num version only detect one missing number
1 file changed, 33 insertions(+)
 create mode 100644 git_week2/miss_num_v1.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git checkout master
       .DS_Store
警告:您正丟下 1 個提交,未和任何分支關聯:
 11625ca Missing num version only detect one missing number
如果您想要透過建立新分支儲存它, 這可能是一個好時候。
如下動作:
git branch <新分支名> 11625ca
切換到分支 'master'
您的分支領先 'origin/master' 共 3 個提交
  (使用 "git push" 來發布您的本機提交)
(base) Kos-MacBook-Air:git_week2 amy19951015$ git merge master miss_num
```

```
fatal: 不能讀取目前工作目錄: No such file or directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ git branch miss_num 11625ca
fatal: 不能讀取目前工作目錄: No such file or directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ git branch
fatal: 不能讀取目前工作目錄: No such file or directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ git status
fatal: 不能讀取目前工作目錄: No such file or directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ git log -
fatal: 不能讀取目前工作目錄: No such file or directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ git branch <miss_num> 11625ca
-bash: miss_num: No such file or directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ cd .
(base) Kos-MacBook-Air:gitasktic amy19951015$ git log --oneline
a99c326 (HEAD -> master) miss_num.py version 2.
8dc4fe5 (miss_num) miss_num.py version 1.
00afe9e add git_week2 folder
30106f7 (origin/master, origin/HEAD) change eeg=True into eeg=False 932ffe9 (tinker) Error adjustment.
bf36899 upload workshop III slides
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39631ea EDITED odd_ball.py
8329b4c Loading duck
866b457 edited to fit Odd Read me
c529d28 Merge remote-tracking branch 'origin/master'
bedc41e Psychopy: ODD BALL w Parallel Port
e6c4eba Initial commit
(base) Kos-MacBook-Air:gitasktic amy19951015$ git status
位於分支 master
您的分支領先 'origin/master' 共 3 個提交。
  (使用 "git push" 來發布您的本機提交)
尚未暫存以備提交的變更:
  (使用 "git add <檔案>..." 更新要提交的內容)
(使用 "git restore <檔案>..." 捨棄工作區的改動)
                   .DS Store
修改尚未加入提交 (使用 "git add" 和/或 "git commit -a")
(base) Kos-MacBook-Air:gitasktic amy19951015$ git branch
(base) Kos-MacBook-Air:gitasktic amy19951015$ git checkout miss_num
        .DS_Store
切換到分支 'miss_num'
(base) Kos-MacBook-Air:gitasktic amy19951015$ mv miss_num.py miss_num_v1.py
mv: rename miss_num.py to miss_num_v1.py: No such file or directory
(base) Kos-MacBook-Air:gitasktic amy19951015$ cd git_week2
(base) Kos-MacBook-Air:git_week2 amy19951015$ mv miss_num.py miss_num_v1.py (base) Kos-MacBook-Air:git_week2 amy19951015$ git add miss_num_v1.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git commit -m "Missing num version only detect one missing number"
[miss_num 3a2f9b6] Missing num version only detect one missing number
1 file changed, 32 insertions(+)
 create mode 100644 git_week2/miss_num_v1.py
(base) Kos-MacBook-Air:git_week2 amy19951015$ git checkout master
        .DS_Store
切換到分支 'master'
您的分支領先 'origin/master' 共 3 個提交。
  (使用 "git push" 來發布您的本機提交)
(base) Kos-MacBook-Air:git_week2 amy19951015$ git branch
fatal: 不能讀取目前工作目錄: No such file or directory
(base) Kos-MacBook-Air:git_week2 amy19951015$ cd .
(base) Kos-MacBook-Air:gitasktic amy19951015$ git branch
* master
 miss num
(base) Kos-MacBook-Air:gitasktic amy19951015$ git merge master miss_num
Merge made by the 'recursive' strategy.
git_week2/miss_num_v1.py | 32 +++
 1 file changed, 32 insertions(+)
 create mode 100644 git_week2/miss_num_v1.py
(base) Kos-MacBook-Air:gitasktic amy19951015$ git add .
(base) Kos-MacBook-Air:gitasktic amy19951015$ git commit -m "Merge commit with both missing number versions"
[master f6eb135] Merge commit with both missing number versions
 1 file changed, 0 insertions(+), 0 deletions(-)
(base) Kos-MacBook-Air:gitasktic amy19951015$ git status
位於分支 master
您的分支領先 'origin/master' 共 6 個提交。
  (使用 "git push" 來發布您的本機提交)
```

(base) Kos-MacBook-Air:gitasktic amy19951015\$ git push origin master 枚舉物件: 21,完成.
物件計數中: 100% (21/21),完成.
使用 4 個執行緒進行壓縮
壓縮物件中: 100% (18/18),完成.
寫入物件中: 100% (20/20), 2.56 KiB | 874.00 KiB/s,完成.
總共 20 (差異 9),復用 0 (差異 0)
remote: Resolving deltas: 100% (9/9), completed with 1 local object.
To https://github.com/kopingchou1015/gitasktic.git
 30106f7..f6eb135 master -> master
(base) Kos-MacBook-Air:gitasktic amy19951015\$