Git

https://git-scm.com/cheat-sheet

Workflow

`git config –global user.name “”, git config user.name “Project Name”`	
`git config –global user.email “you@example.com”`	
`git init ., git clone <url>`	Initialize git in current folder or clone from url
`git remote add <remote>`	
`git add -A, git add ., git add <file>`	
`git reset <>`	unstage, opposite of add
`git commit -m 'message'`	commit staged changes
`git commit -am 'message'`	commit all unstaged changes
`git pull [origin] [branch]`	
`git push <origin> <branch>`	

.gitignore

```
file_to_ignore
folder_to_ignore/

*.tmp
my?ile.txt
log[0-9].txt
!important.tmp #negate
```

`git reset –hard`	Remove staged and unstaged changes
`git reset HEAD^`	Undo most recent commit
`git reset –hard <commit>`	Go back to specific commit
`git clean`	Delete untracked files (temporary files and leftovers)

`git diff`	show difference between current and head ''
`git diff HEAD`	Diff staged and unstaged changes
`git diff –staged`	Diff staged changes
`git restore <file>`	Delete unstaged changes to one file

Branch and merge

`git checkout -b <name>`	create branch
`git checkout <name>`	switch branch
`git branch`	list branches

`git merge <name>`	merge current branch with <name>
`git mergetool`	run merge tool to fix merge errors
`git branch -d <name>`, `-D`	delete / force delete branch
`git config –global merge.tool p4merge`	Define merge tool