```
FULL GIT & GITHUB COMMANDS CHEAT SHEET


1. SETUP
---------
git config --global user.name "Your Name"
git config --global user.email "you@example.com"
git config --list


2. INIT OR CLONE
----------------
git init
git clone <repo_url>


3. STAGING & COMMIT
-------------------
git status
git add <file>
git add .
git commit -m "Your commit message"
git commit -am "Commit tracked files only"


4. BRANCHING
--------------
git branch
git branch <branch_name>
git checkout <branch_name>
git checkout -b <branch_name>
git branch -d <branch_name>


5. MERGE & REBASE
------------------
git merge <branch_name>
git rebase <branch_name>
git rebase -i HEAD~n


6. PUSH & PULL
---------------
git remote add origin <url>
git remote -v
git push -u origin main
git push
git pull
git fetch


7. STASH
----------
git stash
git stash list
git stash apply
git stash drop


8. LOG & HISTORY
-----------------
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```
git log
git log --oneline
git log --graph --oneline --all
git show <commit_hash>


9. VIEW CHANGES
----------------
git diff
git diff --staged
git blame <file>
git clean -f


10. UNDO CHANGES
------------------
git reset <file>
git checkout -- <file>
git reset --soft HEAD~1
git reset --mixed HEAD~1
git reset --hard HEAD~1


11. TAGS
---------
git tag
git tag v1.0.0
git show v1.0.0
git push origin v1.0.0


12. GITHUB WORKFLOW
--------------------
git remote add origin https://github.com/user/repo.git
git push -u origin main


13. COLLABORATION
------------------
git fork
git clone <your-fork-url>
git remote add upstream https://github.com/original-owner/repo.git
git fetch upstream
git merge upstream/main


14. MISC
---------
git init --bare
git archive -o release.zip HEAD
git remote remove origin
git rm <file>
git mv old.txt new.txt


15. .GITIGNORE SAMPLE
----------------------
*.pyc
__pycache__/
.env
node_modules/
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*.log
db.sqlite3
.vscode/
```

16. HELP

```
git help <command>
git <command> --help
```