

GIT CHEAT SHEET

GIT BASICS

<code>git init</code>	Create new local repository
<code>git clone <url></code>	Clone existing remote repository
<code>git pull</code>	Download & merge commits from remote repository
<code>git add .</code>	Stage all changes
<code>git commit -m "<message>"</code>	Commit staged changes to local repository
<code>git push</code>	Push local commits to remote repository
<code>git status</code>	List all new / modified files to be committed
<code>git log</code>	List version history of current branch

GIT BRANCHES

<code>git branch</code>	List all local branches in current repo
<code>git branch <branch-name></code>	Creates a new branch
<code>git checkout <branch-name></code>	Switch to specified branch & update working directory
<code>git merge <branch-name></code>	Combine specified branch's history into current branch

GIT ADVANCED

<code>git fetch <bookmark></code>	Download all history from repository bookmark
<code>git merge <bookmark>/<branch-name></code>	Merge remote bookmark's branch into current local branch
<code>git remote add <alias-name> <url></code>	Add remote repository url as an alias
<code>git push <alias> <branch-name></code>	Push local commits to remote repository
<code>git reset <commit></code>	Undoes all commits after <commit>, preserving changes locally
<code>git reset --hard <commit></code>	Discard all history and changes back to the specified <commit>