**Create** **git lg alias**

git config --global alias.lg "log --graph --pretty=format:'%Cred%h%Creset -%C(yellow)%d%Creset %s %Cgreen(%cr) %C(bold blue)<%an>%Creset' --abbrev-commit"

|  |  |
| --- | --- |
| **Command** | **Comments** |
| mkdir git-demo | Create directory git-demo |
| cd git-demo | Change directory to git-demo |
| git init --initial-branch=main | Initialize a git repo with branch main (instead of master) |
| code . | Open code using this directory |
| create README.md | [VSCODE] New file README.md and add some text |
| git status | Show status, notice README.md is not tracked and exists in working directory |
| git add . | Add files git add . will add all modified and new files |
| git status | Show status that files are in staging area |
| git commit -m "initial commit" | Create commit |
| git status | Status shows no changes in working directory |
| git checkout -b development | Create a new branch called development |
| git checkout -b feat1 | Checkout a feature branch to do work for feature 1 |
| create feat1.md | [VSCODE] Create a file and some text |
| edit README.md | [VSCODE] Edit README.md |
| git status | Status shows feat1.md as untracked (new file) and README.md as tracked modified |
| git add . | Add files |
| git commit -m "feat1" | Commit occurs on feat1 branch |
| git checkout development | Checkout development [VSCODE]or dir & notice feat1.md is not in working directory. Feat1.md is in feat1 branch |
| git checkout -b feat2 | Create a new feature branch called feat2 |
| create feat2.md | [VSCODE] create file feat2.md add some text |
| edit README.md | [VSCODE] Edit readme. Insert some text to line |
| git add . | Add files |
| git commit -m "feat2" | Commit to feat2 |
| git checkout development | Checkout development branch |
| git merge feat1 | Merge feat1 into development |
| git merge feat2 | Merge feat2 into development (this should generate a merge conflict in README.md) |
|  | [VS CODE] resolve merge conflict |