

### #1.1 Introduction to Git Commits

```
git commit;
```

```
git commit;
```

### #1.2 Branching in Git

```
git branch bugFix;
```

```
git checkout bugFix;
```

### #1.3 Merging in Git

```
git checkout -b bugFix;
```

```
git commit;
```

```
git checkout main;
```

```
git commit;
```

```
git merge bugFix;
```

### #1.4 Rebase Introduction

```
git checkout -b bugFix;
```

```
git commit;
```

```
git checkout main;
```

```
git commit;
```

```
git checkout bugFix;
```

```
git rebase main;
```

### #2.1 Detach yo' HEAD

```
git checkout C4;
```

### #2.2 Relative refs (^)

```
git checkout C4^;
```

### #2.3 Relative refs #2

```
git branch -f main C6;
```

```
git branch -f bugFix C0;
```

```
git checkout C1;
```

### #2.4 Reversing Changes in Git

```
git reset local~1;
```

```
git checkout pushed;
```

```
git revert pushed;
```

### #3.1 Cherry-pick Intro

```
git cherry-pick C3 C4 C7;
```

### #3.2 Interactive Rebase Intro

```
git rebase -i main~4 --aboveAll;
```

### #4.1 Grabbing Just 1 Commit

```
git checkout main;
```

```
git cherry-pick C4;
```

### #4.2 Juggling Commits

```
git rebase -i caption~2 --aboveAll;
```

```
git commit --amend;
```

```
git rebase -i caption~2 --aboveAll;
```

```
git branch -f main caption;
```

### #4.3 Juggling Commits #2

```
git checkout main;
```

```
git cherry-pick C2;
```

```
git commit --amend;
```

```
git cherry-pick C3;
```

### #4.4 Git Tags

```
git tag v0 C1;
```

```
git tag v1 C2;
```

```
git checkout C2;
```

### #4.5 Git Describe

```
git commit;
```

### #5.1 Rebasing over 9000 times

```
git rebase main bugFix;
```

```
git rebase bugFix side;
```

```
git rebase side another;
```

```
git rebase another main;
```

### #5.2 Multiple parents

```
git branch bugWork main~^2~;
```

### #5.3 Branch Spaghetti

git checkout one;

git cherry-pick C4 C3 C2;

git checkout two;

git cherry-pick C5 C4 C3 C2;

git branch -f three C2;

### #Remote

#### #1.1 Clone Intro

git clone;

#### #1.2 Remote Branches

git commit;

git checkout o/main;

git commit;

#### #1.3 Git Fetchin'

git fetch;

#### #1.4 Git Pullin'

git pull;

#### #1.5 Fakeing Teamwork

git clone;

git fakeTeamwork main 2;

git commit;

git pull;

#### #1.6 Git Pushin'

git clone;

git commit;

git commit;

git push;

#### #1.7 Diverged History

git clone;

git fakeTeamwork;

git commit;

git pull --rebase;

git push;

#### #2.1 Push main!

git fetch;

git rebase o/main side1;

git rebase side1 side2;

git rebase side2 side3;

git rebase side3 main;

git push;

#### #2.2 Merging with remotes

git checkout main;

git pull;

git merge side1;

git merge side2;

git merge side3;

git push;

#### #2.3 Remoting Tracking

git checkout -b side o/main;

git commit;

git pull --rebase;

git push;

#### #2.4 Git push arguments

git push origin main;

git push origin foo;

#### #2.5 Git push arguments — Expanded!

git push origin main~1:foo;

git push origin foo:main;

#### #2.6 Fetch arguments

git fetch origin c6:main

git fetch origin c3:foo

git checkout foo

git merge main

## #2.7 Source of nothing

git push origin :foo;

git fetch origin :bar;

## #2.8 Pull arguments

git fetch origin c3:foo

git fetch origin c2:side

git merge foo

git merge side

