1 Introduction

Work with teammates using GitHub to share coding or files and monitor tasks in progress.

2 Initialize a Local Repository

```
1 git init
2 git remote add origin [Repository HTTPS Link]
3 git pull origin main
```

3 Daily Development Work

4 Pull Latest Changes

```
1 git pull origin [your_branch_name]
2 git add .
3 git commit -m "Describe your changes"
4 git push origin [your_branch_name]
```

5 Resolve Merge Conflicts

```
1 git pull
2 git commit -m "Resolve conflicts"
3 git push origin [your_branch_name]
```

6 Working on a Teammate's Branch

```
1 git clone [Teammate's Repository HTTPS Link]
2 cd [Repository Name]
3 git checkout [Teammate's Branch Name]
```

7 Delete files

```
1 git status
2 git add -A
3 git commit -m "your commit"
4 git push
```

8 Correcting remote repository URL

```
1 git remote -v
2
3 git remote set-url origin [Repository HTTPS Link]
4
5 git pull origin [your_branch_name]
6
7 git push origin [your_branch_name]
```

9 Overlay the current folder

```
1  git remote remove origin
2  git clone [Repository HTTPS Link]
3  cd [github_id]
4  git checkout [branch_name]
5  git remote-v
6  git rm -r *
7  git add .
8  git commit -m "your commit"
9  git push origin [branch_name] --force
10 git pull origin [branch_name]
11
12 # " fatal: Not possible to fast-forward, aborting. "
13 git merge --no-ff origin/[branch_name]
14
15 # " fatal: refusing to merge unrelated histories "
16 git merge origin/[branch_name] --allow-unrelated-histories
17
18 git push
```

10 Change branch name

```
1  git branch -d [branch_name]
2  git branch -m [Origin_branch_name] [branch_name]
3
4  #if no git branch
5  git checkout chris
6
7  git push origin chris
8  git commit --allow-empty -m  " Initial commit on chris
       branch "
9  git push origin chris
10 git push origin --delete CHRIS
```

11 Add new branch

```
1 git branch <New_branch_name>
2 git checkout [New_branch_name]
```