**Git Hub Reference Sheet**

**Setup**

1. Git init: initialize an existing directory as a Git repository
2. Git clone [url]: retrieve a repository based on URL given.

**Staging**

1. Git status: shows status of modified files that is currently working on
2. Git add[file]: adds a file for the next commit.
3. Git commit -m “[Description]”: commits your current project.

**Branch and merging**

1. Git branch: list out all your branches
2. Git branch [branch-name]: creates a new branch
3. Git merge [branch]: merges a specific branch into the current branch
4. Git log: shows all the commits in a branch’s history.

**Sharing and updating**

1. Git remote add [alias] [url]: add a git url as an alias
2. Git fetch [alias]: fetches all branches based on the alias given
3. Git push [alias] [branch]: pushes local branch commits to the remote respiratory branch
4. Git pull: fetch all commits from remote repository branch.