**BootStrap –**

Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.

**Git -** The purpose of **Git** is to manage a project, or a set of files, as they change over time. **Git** stores this information in a data structure called a **repository**. A **git repository** contains, among other things, the following: A set of commit objects. A set of references to commit objects, called heads.

Git Commands –

* Configure the author name and email address to be used with your commits.

Note that Git [strips some characters](http://stackoverflow.com/questions/26159274/is-it-possible-to-have-a-trailing-period-in-user-name-in-git/26219423#26219423) (for example trailing periods) from user.name.

**[git config --global user.name "Sam Smith"**

**git config --global user.email** [**sam@example.com**](mailto:sam@example.com)**]**

* [Create a new local repository](https://www.atlassian.com/git/tutorials/setting-up-a-repository/git-init) **– [git init]**
* Add one or more files to staging (index): -

**[git add <filename>] This will add one file**

**[git add \*html] This will add more HTML files**

**[git add .] This will add all files**

* List the files you've changed and those you still need to add or commit: **[git status]**
* Commit any files you've added with git add, and also commit any files you've changed since then:

**[git commit –a]**

**[ To come out from the commit command will use “Esc” and for insert something will use “I” after the command]**

**Note :**

**If don’t wanna add any file in Git then we will use “Gitignore” folder and will add those files inside this folder. So they won’t be able to add into Git.**

**Branches –**

|  |  |
| --- | --- |
| Create a new branch and switch to it: | git checkout -b <branchname> |
| Switch from one branch to another: | git checkout <branchname> |
| List all the branches in your repo, and also tell you what branch you're currently in: | git branch |
| Delete the feature branch: | git branch -d <branchname> |
| Push the branch to your remote repository, so others can use it: | git push origin <branchname> |
| Push all/ branches to your remote repository: | git push --all origin |
| Delete a branch on your remote repository: | git push origin :<branchname> |

|  |  |
| --- | --- |
| Fetch and merge changes on the remote server to your working directory: | git pull |
| To merge a different branch into your active branch: | git merge <branchname> |
| View all the merge conflicts:  View the conflicts against the base file:  Preview changes, before merging: | git diff  git diff --base <filename>  git diff <sourcebranch> <targetbranch> |
| After you have manually resolved any conflicts, you mark the changed file: | git add <filename> |