

Module 2: Git Installation and Setup

Assignment Solution

edureka!

edureka!

© Brain4ce Education Solutions Pvt. Ltd.

Assignment Solution

1. Install git on your computer and set up the global values for your user name and email

Solution:

- » Based on the OS Windows - Download the binary from <http://www.git-scm.com> and install the binary
- » Linux - Download and install via sudo apt-get/yum etc Mac - Homebrew

2. Configure system level and repository level values for user name and email address

Solution:

- » `git config --global user.name username`
- » `git config --global user.email emailaddress`

- » `git config --system user.name username`
- » `git config --system user.email emailaddress`

- » `git config --global --list`
- » `git config --system --list`

3. Create a github account and create a repository

Solution:

- » Navigate to <http://www.github.com> and create an account Create a repository

4. Configure the local repo with the remote repository

Solution:

- » Create a new directory on your local machine, navigate into the directory created
- » Run the `git init` command from within the directory run the `ls -all` command and you should see the `.git` directory
- » Run the command
`git remote add origin <path to the remote git repository created on Github>`

5. Run the `add`, `rm`, `diff`, `commit`, `push` command to push the changes to the remote repository

Solution:

- » Run the command `git add <filename>`
Create few more directories and files inside the directory run the `git add`
- » To remove a file run the `git rm <filename>`
- » To see the difference run the `git diff <filename>`
- » Finally commit the code to the local repository using the
`git commit -m "commit message"`
To push the code to the repository run the command `git push origin master`