Guide for Using Git and GitHub

edureka!

Version 2.0

Using Git and GitHub

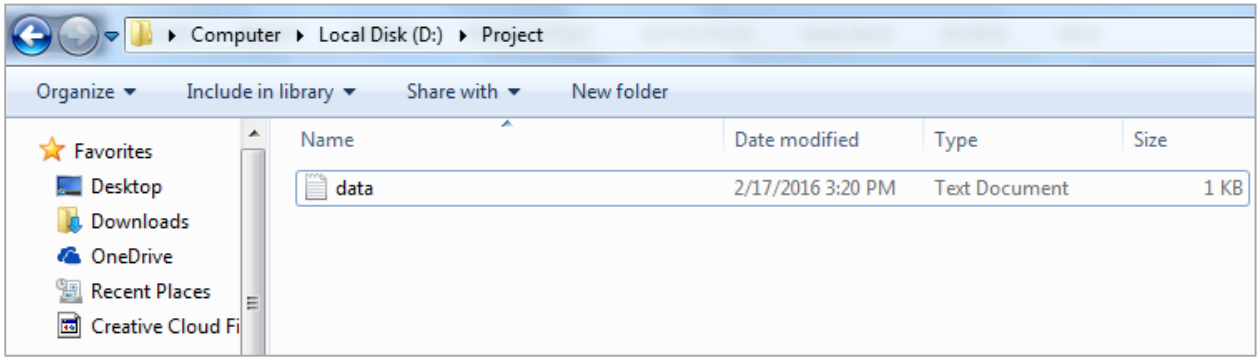
This is a step by step guide which will help you to understand how to use Git and to push code to the remote GitHub repository

If you are interested to know more about Git and GitHub checkout the following blogs

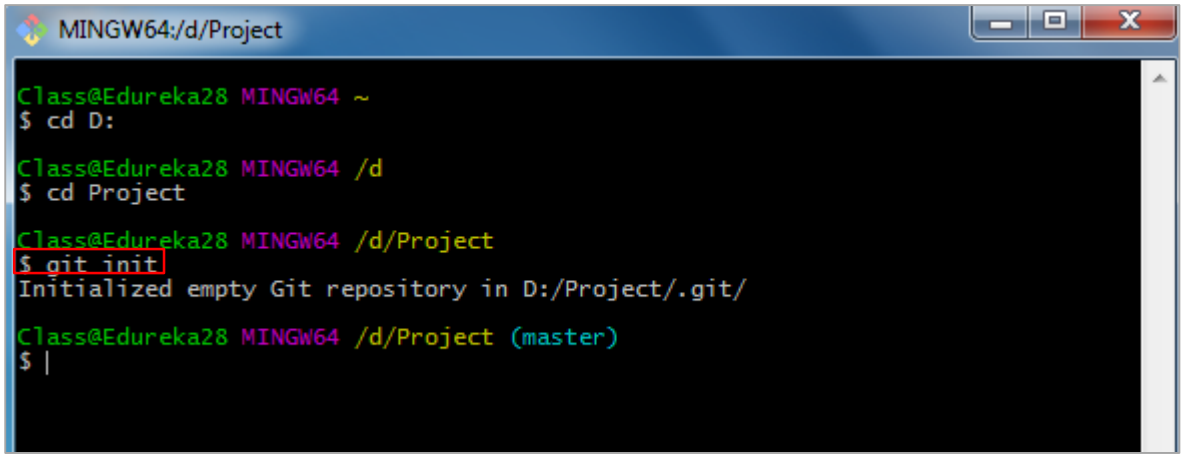
http://www.edureka.co/blog/git-ting-ahead-hacking-git-and-github-part-1

http://www.edureka.co/blog/gitting-ahead-hacking-git-and-github-part-2

» Initializing a folder/directory as Git repository, below we have just one file data.txt inside Project folder. Let's initialize Project directory as Git repository



» git init



» Staging all the files using git add

```
Class@Edureka28 MINGW64 /d/Project (master)
$ git add .
```

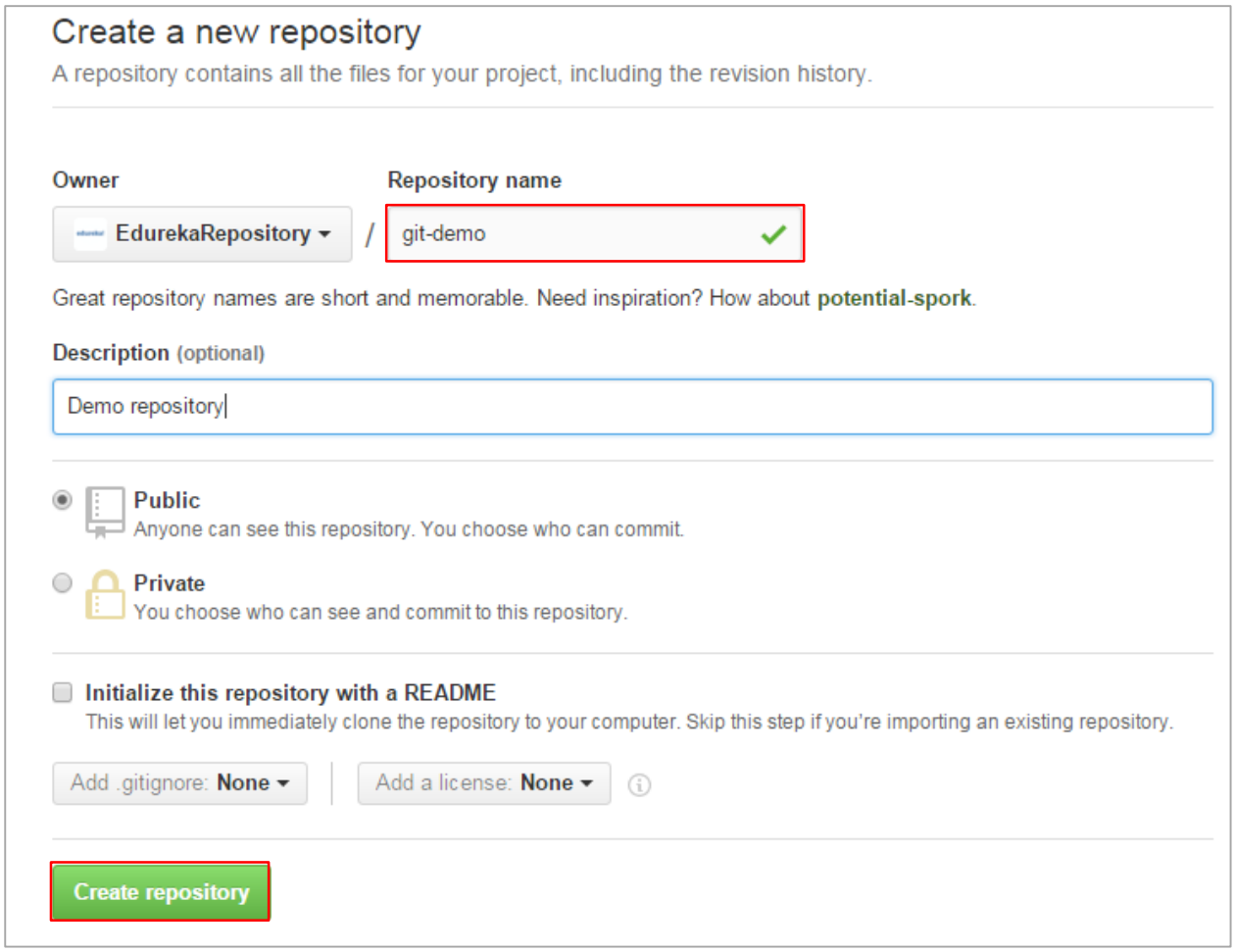
» Checking the status with git status (optional)

```
Class@Edureka28 MINGW64 /d/Project (master)
$ git status
On branch master

Initial commit

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

        new file:   data.txt


Class@Edureka28 MINGW64 /d/Project (master)
$
```

» Committing the files using git commit

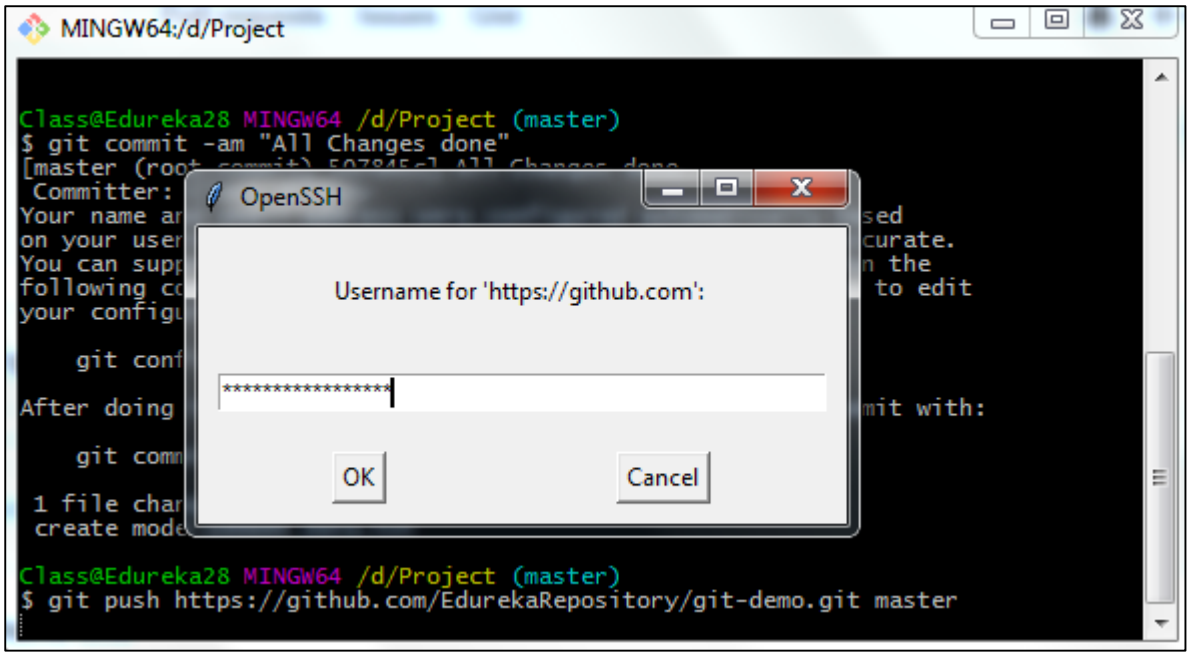
```
Class@Edureka28 MINGW64 /d/Project (master)
$ git commit -am "All Changes done"
[master (root-commit) 507845c] All Changes done
 Committer: Class <Class>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 1 insertion(+)
 create mode 100644 data.txt

Class@Edureka28 MINGW64 /d/Project (master)
$
```

» Next we are going to push the changes to remote GitHub repository but before that we need to create a repository on GitHub, so let's do that. If you don't already have a GitHub account you can create one at https://github.com/

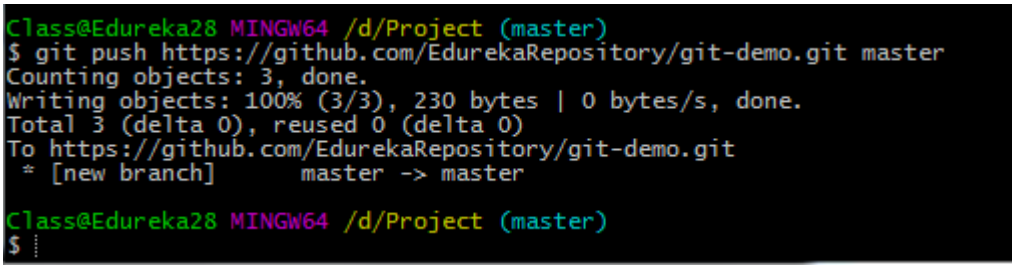


Above we have created a public repository git-demo

» Pushing code to GitHub repository, note that each GitHub repository will have a unique URL and you will be asked to provide your GitHub username and password for pushing the code



Once you provide the correct username and password you will be able to push the code to remote GitHub repository



» Once you push the changes to remote repository you will be able to see the changes in your GitHub repository as shown below: