

How to Create a Free Private GitHub Repository Educational Account

Computer Science Department
College of Engineering, Computer Science, & Technology
California State University, Los Angeles

What is GitHub?

(Source: <http://techcrunch.com/2012/07/14/what-exactly-is-github-anyway/>)

GitHub is a Web-based revision control hosting service for software development and code sharing.

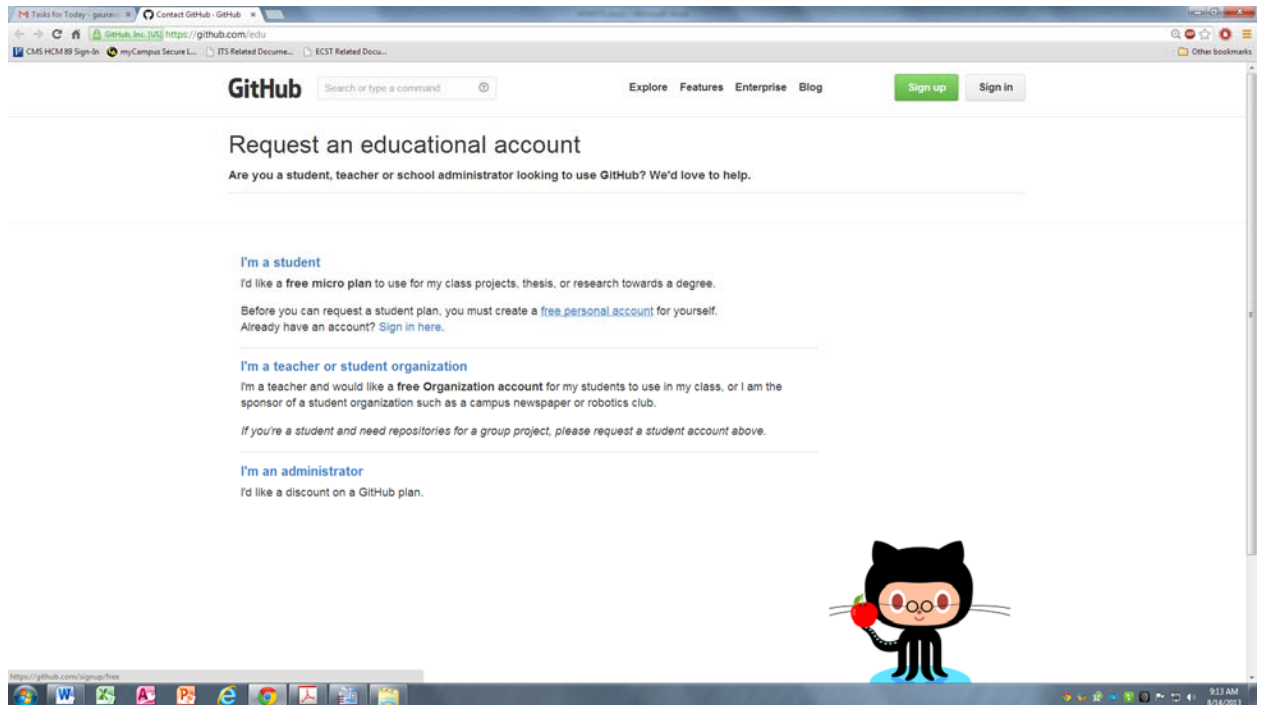
GitHub is like other version control systems, manages and stores revisions of projects. Although it's mostly used for code, Git could be used to manage any other type of file, such as Word documents or final cut projects. Think of it as a filing system for every draft of a document.

Some of Git's predecessors, such as CVS and Subversion, have a central "repository" of all the files associated with a project. When a developer makes changes, those changes are made directly to the central repository. With distributed version control systems like Git, if you want to make a change to a project you copy the whole repository to your own system. You make your changes on your local copy, and then you "check in" the changes to the central server. This encourages the sharing of more granular changes since you don't have to connect to the server every time you make a change.

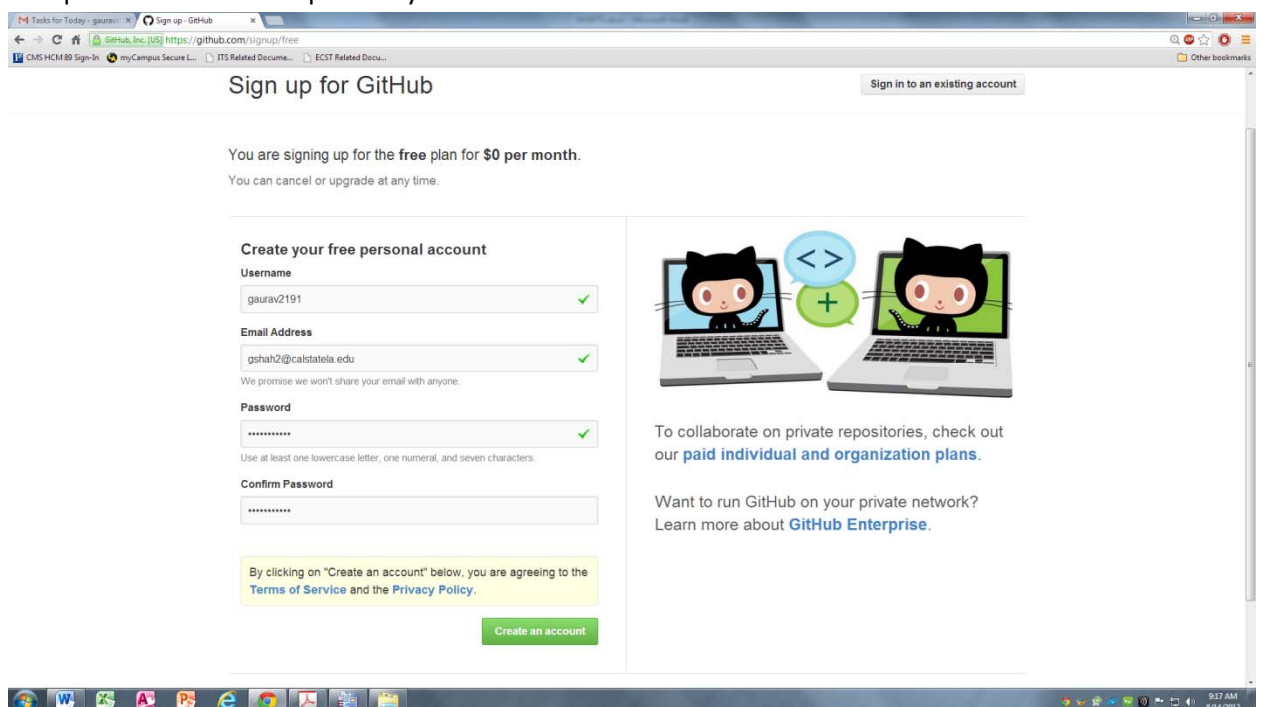
GitHub is a Git repository hosting service, but it adds many of its own features. While Git is a command line tool, GitHub provides a Web-based graphical interface. It also provides access control and several collaboration features, such as a wikis and basic task management tools for every project.

The flagship functionality of GitHub is "**forking**" – copying a repository from one user's account to another. This enables you to take a project that you don't have write access to and modify it under your own account. If you make changes you'd like to share, you can send a notification called a "**pull request**" to the original owner. That user can then, with a click of a button, merge the changes found in your repo with the original repo. These three features – fork, pull request and merge – are what make GitHub so powerful.

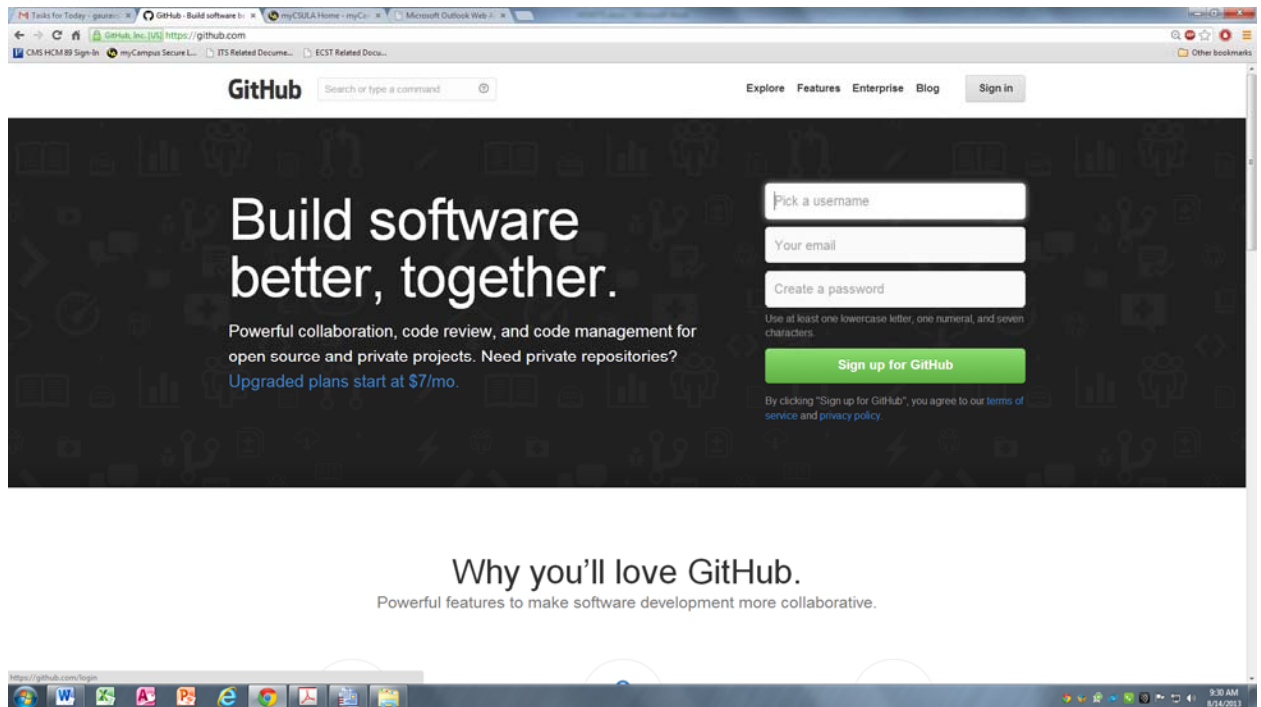
- 1) Please go through this link to create free account on GitHub: - <https://github.com/edu>
Please click on the appropriate category. In this demo, we will create free personal account for student. So click on “I’m a student”. Now click on “free personal account”.



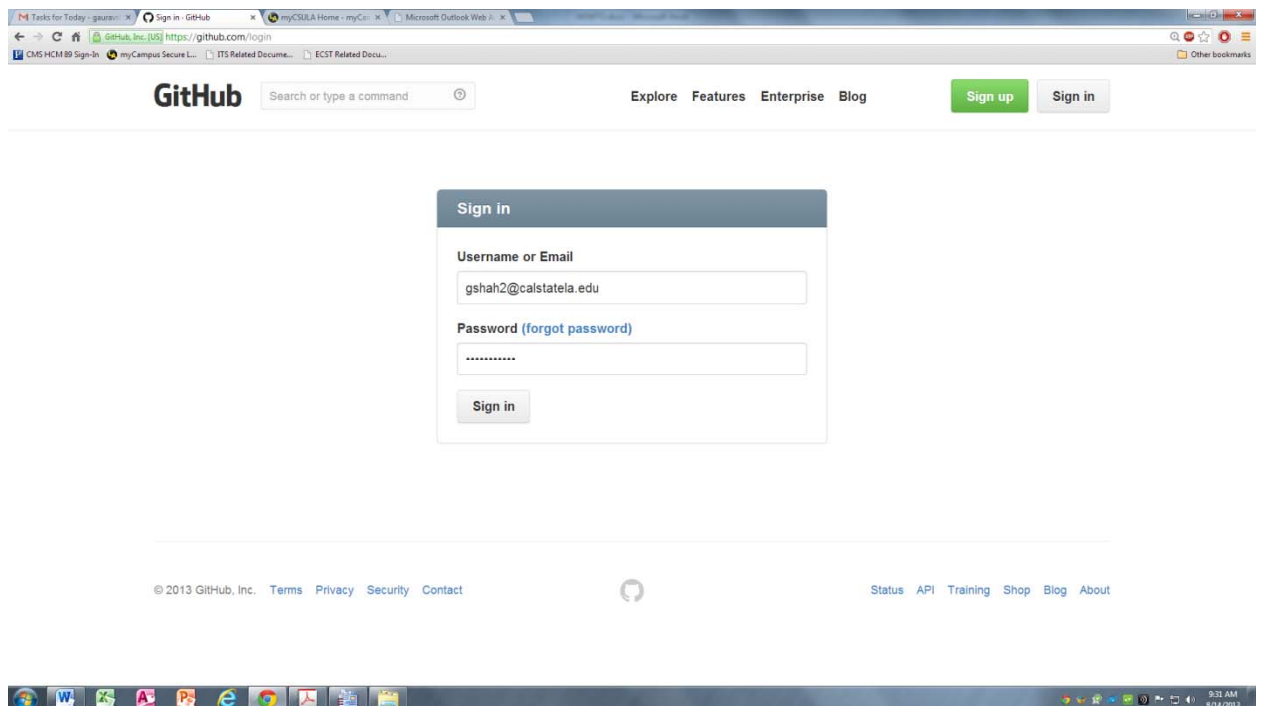
- 2) Fill up the details. Please provide your CSULA email in email address field.



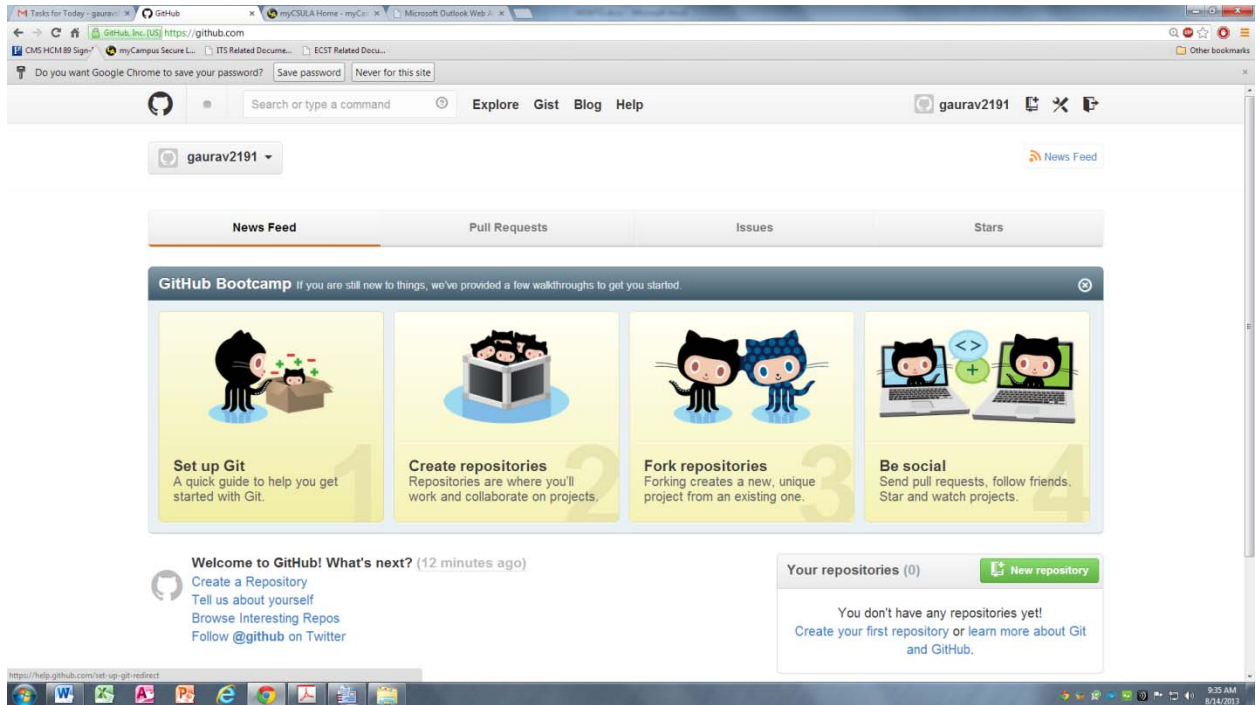
- 3) Once you clicked on create account, page will be redirected to the following page. So now click on the sign in button which is in the top-right corner of the page



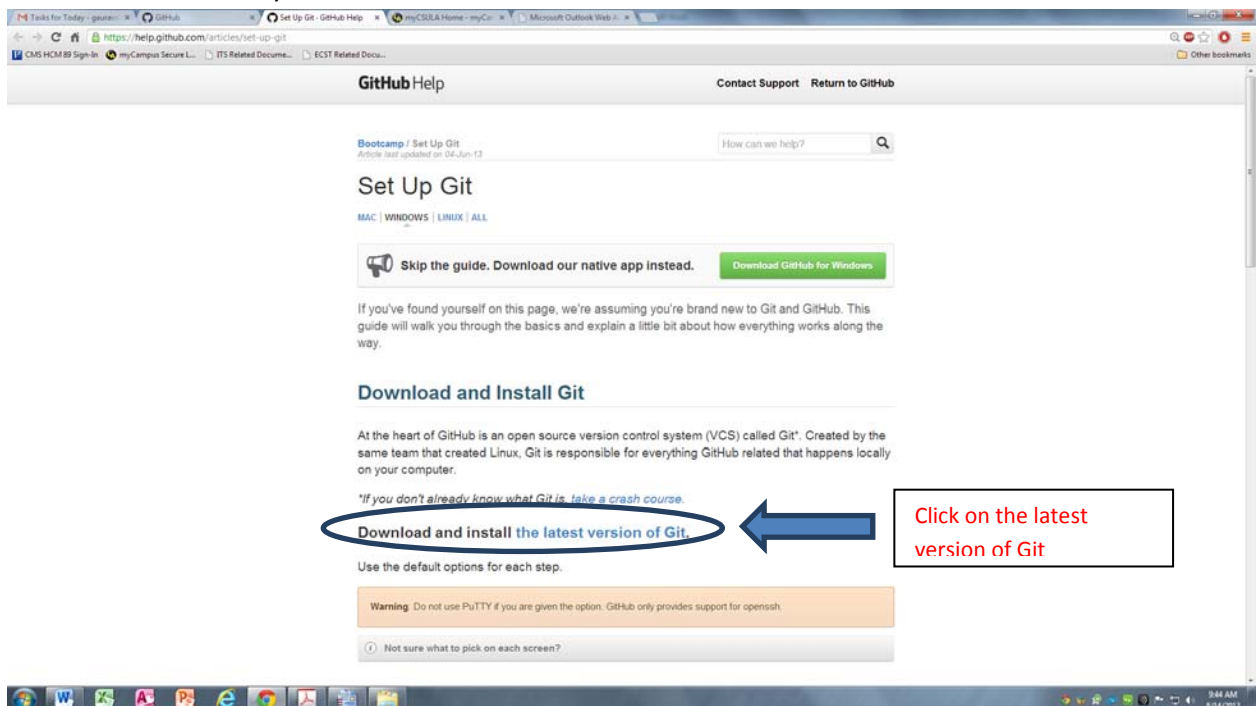
Provide Username/Email and password which you provided in the last screen and click on sign in

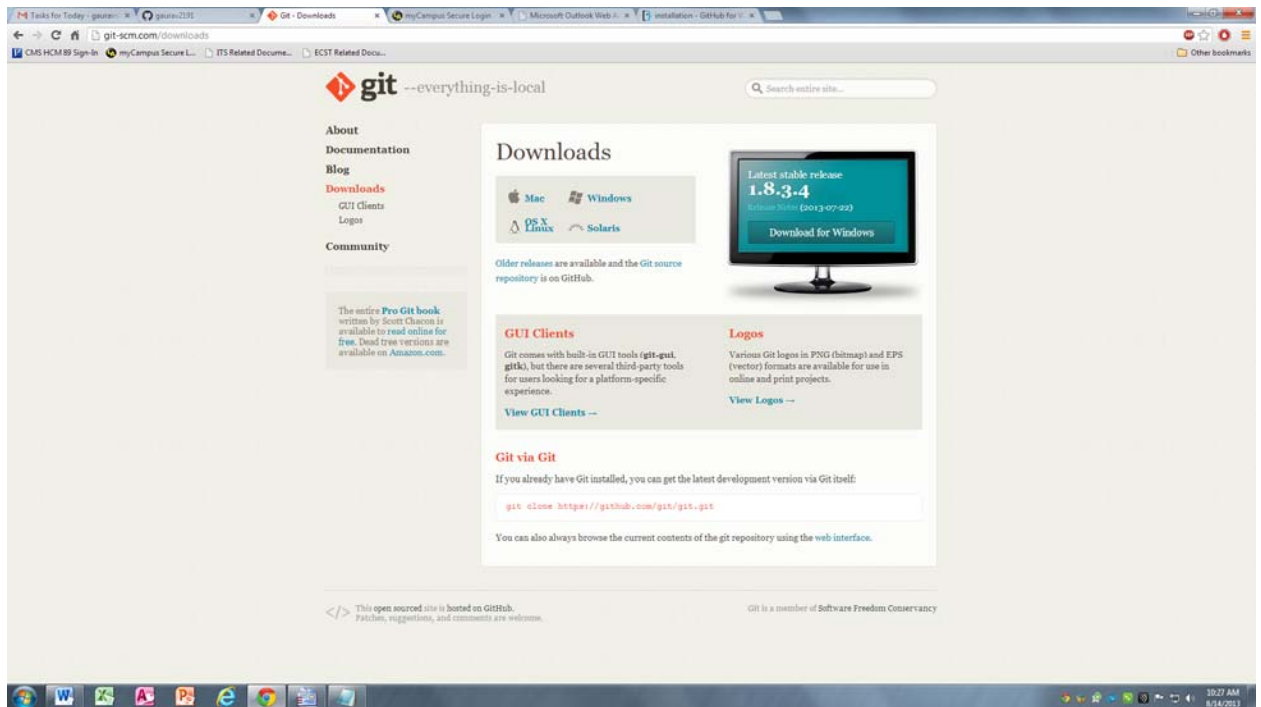


4) After signing in you will get screen like this.

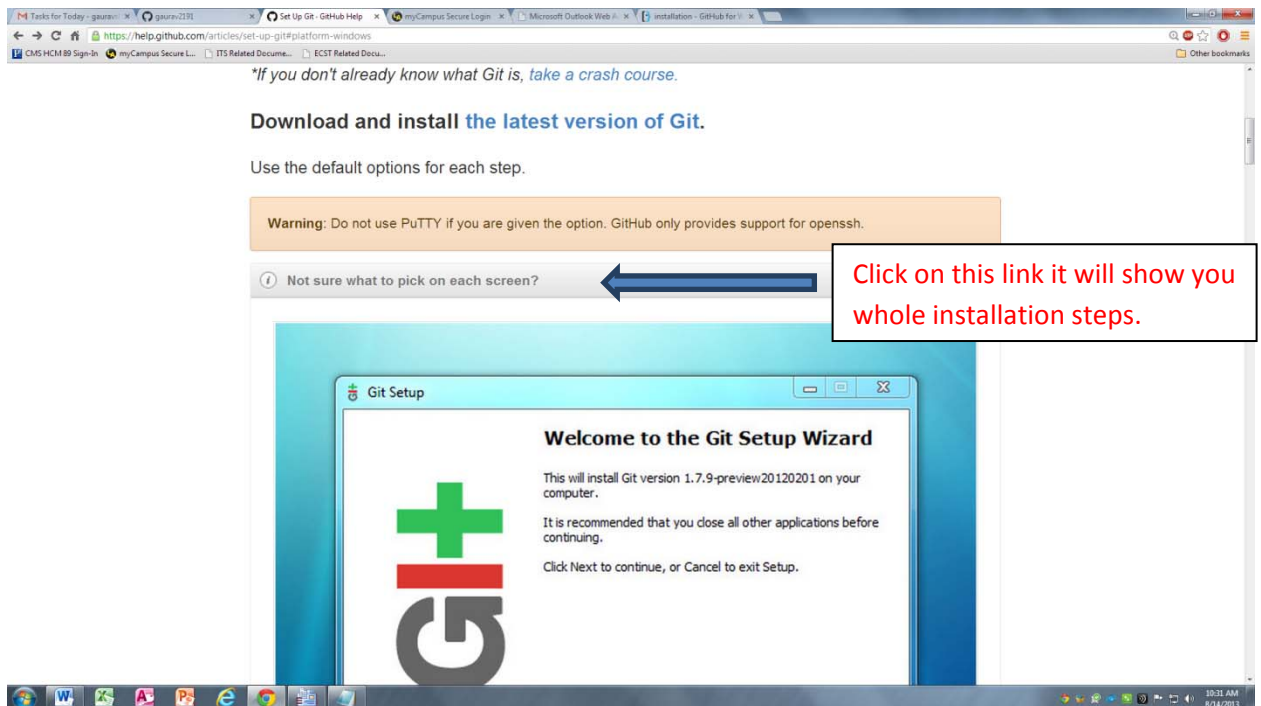


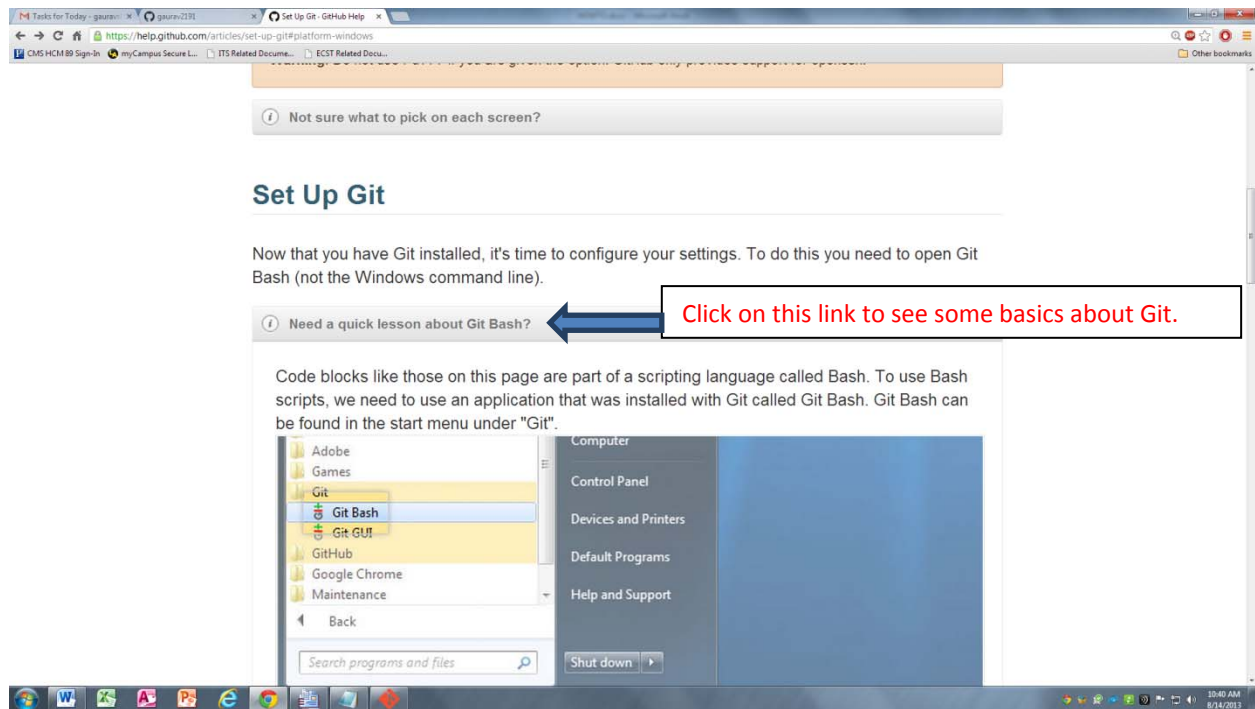
And then click on the 1st step. "Set up Git". Now select your OS & download GetHub for that OS. Windows is selected by default.





Select the appropriate OS and download the latest version. Once you downloaded the latest version go back to the previous page.

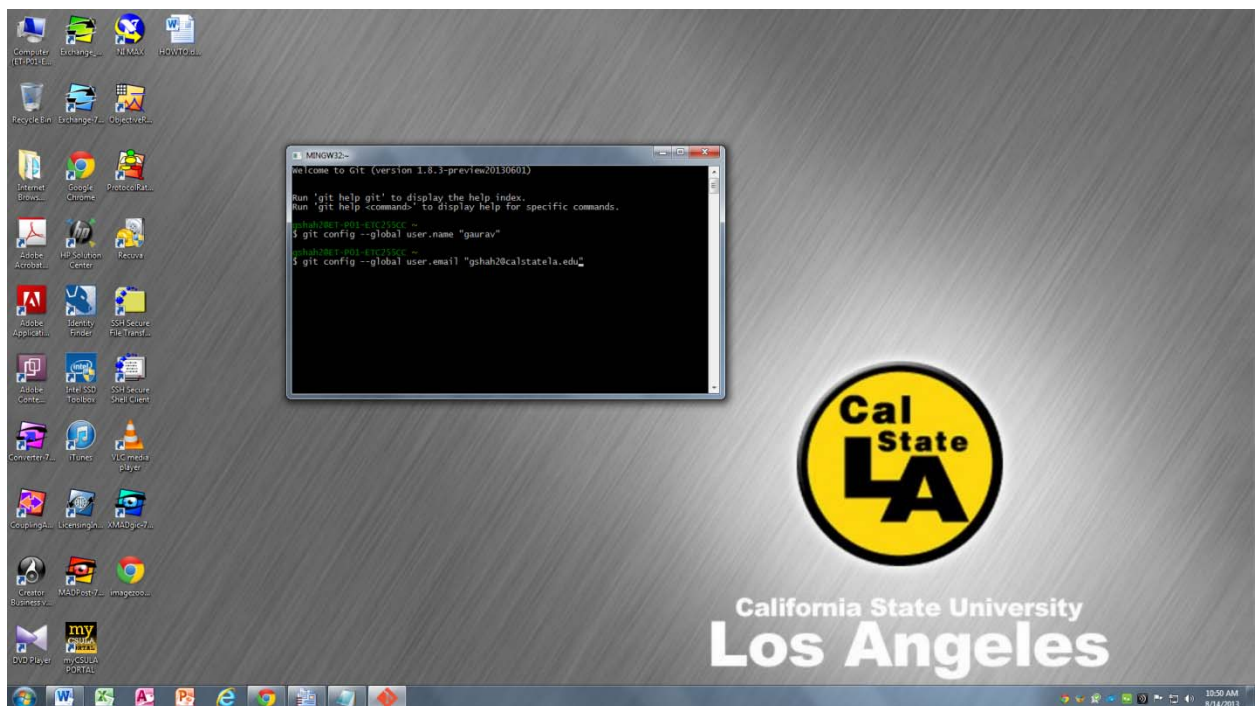




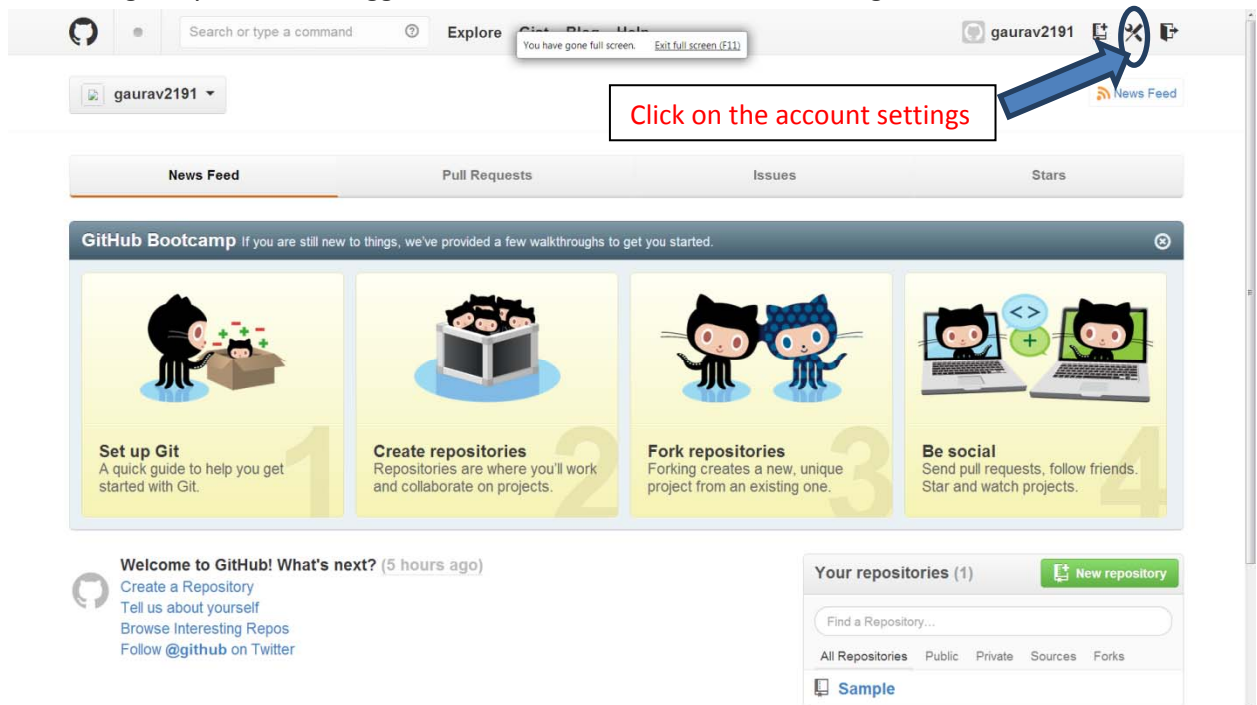
- 5) Now you need to set your username and email in Git Bash by following command.

`git config --global user.name "Your Name Here"`

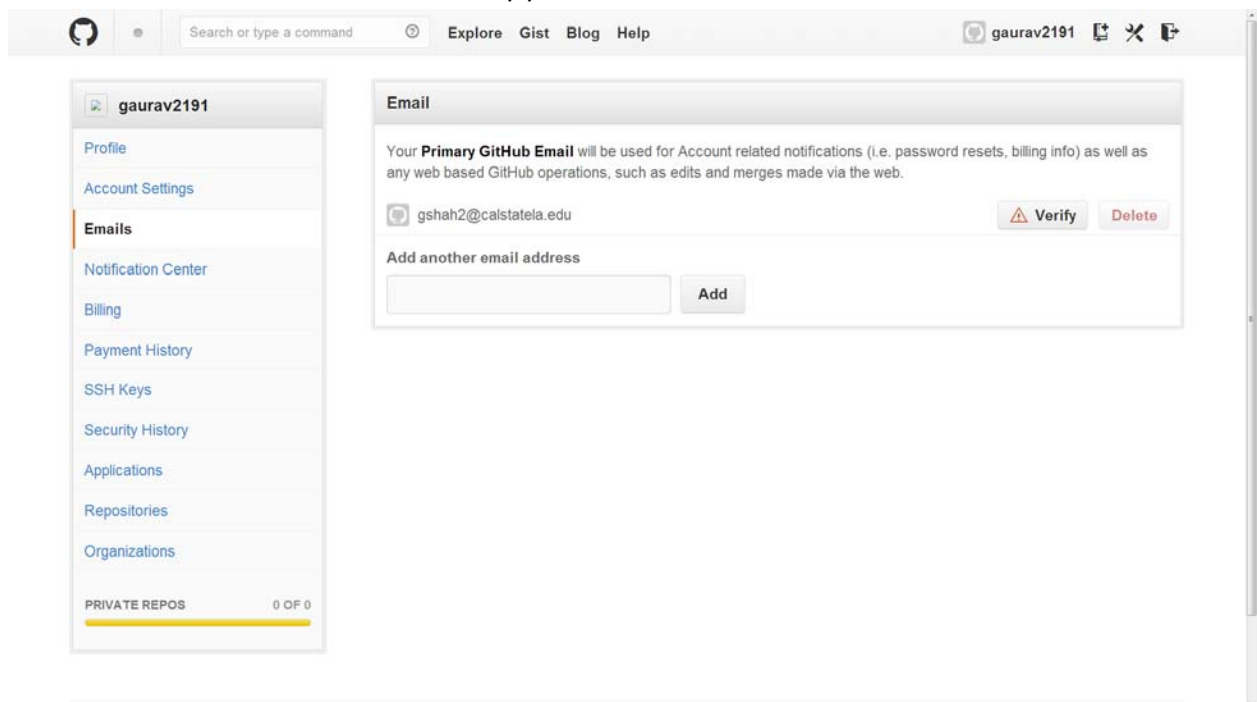
`git config --global user.email "your_email@example.com"`



- 6) Now for free access verify your email address. So go to the website :- <https://github.com/edu> and do login if you are not logged in. And then click on account settings.



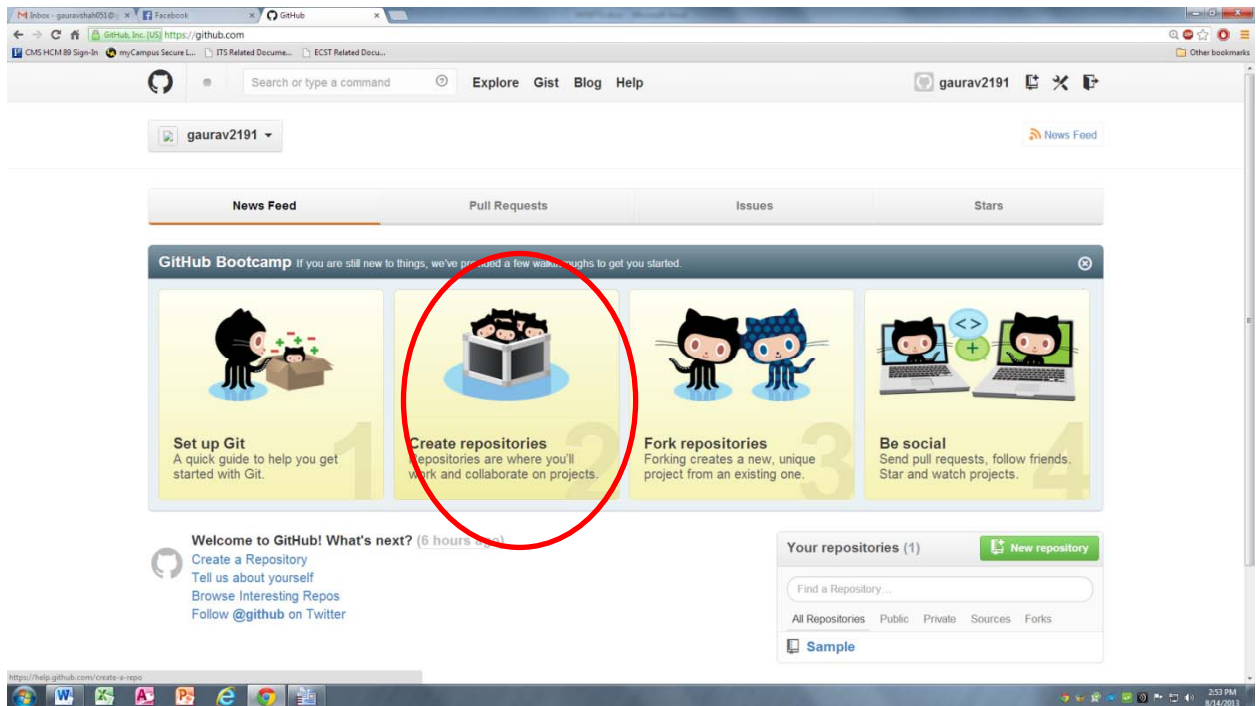
- 7) Now go to the Emails section and if you do not entered your CSULA email address then add it & click on verify. They will send one verification link to your email address. So go to your CSULA mail account and click on that link to verify your account.



- 8) Now go to <https://github.com/edu> and click on “I’m Student”, fill up the details & click on send request.

The screenshot shows the GitHub 'I'm a student' form. At the top, it says 'I'm a student' and 'I'd like a free micro plan to use for my class projects, thesis, or research towards a degree.' Below this are three checkmarks: 'Make sure you're signed in to the account you want the student discount applied to.', 'If you haven't already, add your school-issued email to your account and verify it.', and 'Tell us a bit about what you're planning to do with your repositories.' The form fields include: 'Name' (Gaurav), 'School-issued email' (gshah2@carstateia.edu), 'School name' (CSULA), 'Year in school' (1st year), and 'What do you plan to use the repositories for?' (For project work). A 'Send request' button is at the bottom right. Below the form, there are links for 'I'm a teacher or student organization' and 'I'm an administrator'.

- 9) Now our 1st step is completed. So click on the 2nd step: - Create A Repository.

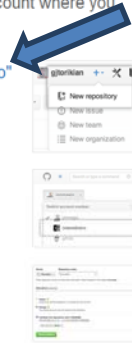


Page will be redirected to the following screenshot. And now click on Create a New Repo.

Creating a new repository

You can create a new repository on your personal account or any organization account where you have sufficient permissions.

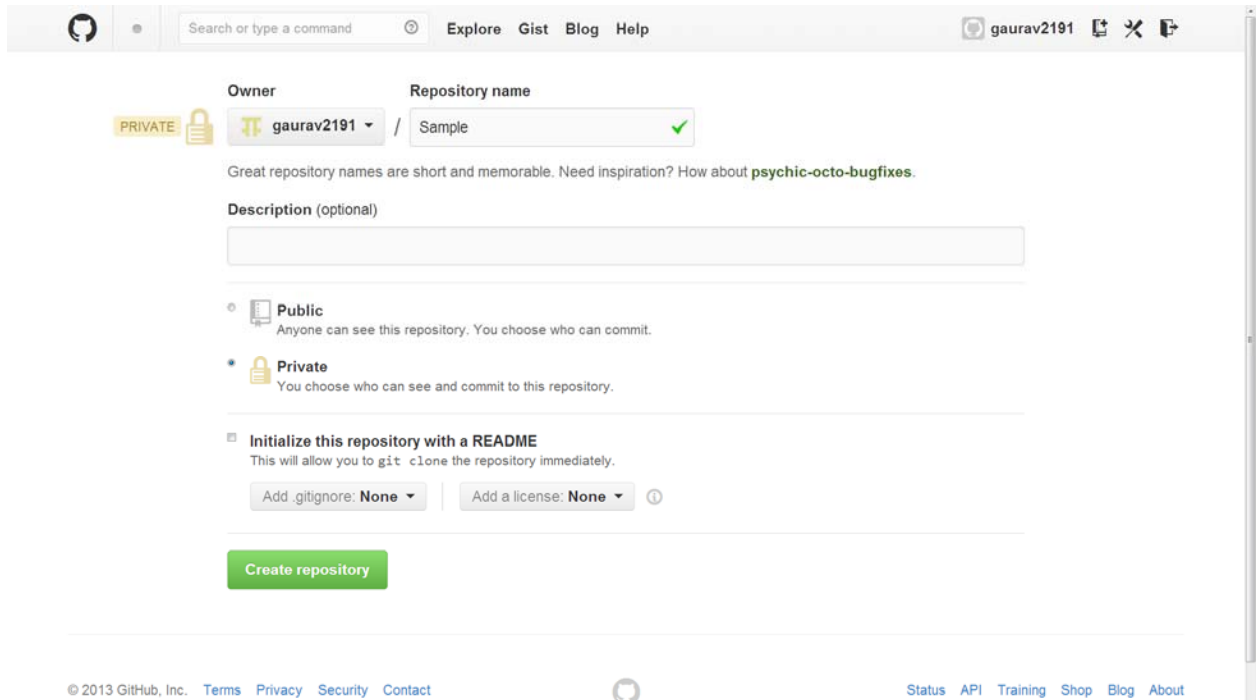
- 1 In your user bar at the top right of any page, click the "Create a New Repo" button
- 2 Select the account you wish to create the repository on
- 3 Enter a name, select to make the repository either public or private and click "Create repository"






Tip: If you don't have Owner or Admin rights in the organization, you'll be notified of an "insufficient permission" in the list.

 [contact a human](#)

10) Give name to your repository and click on Create Repository. You will be able to create private repository once they accept your request for an educational account which we did in step 8.



Owner:  PRIVATE  gaurav2191 / Repository name: Sample 




Great repository names are short and memorable. Need inspiration? How about **psychic-octo-bugfixes**.

Description (optional)


☐ Public
Anyone can see this repository. You choose who can commit.

☒ Private
You choose who can see and commit to this repository.

☒ Initialize this repository with a README
This will allow you to `git clone` the repository immediately.

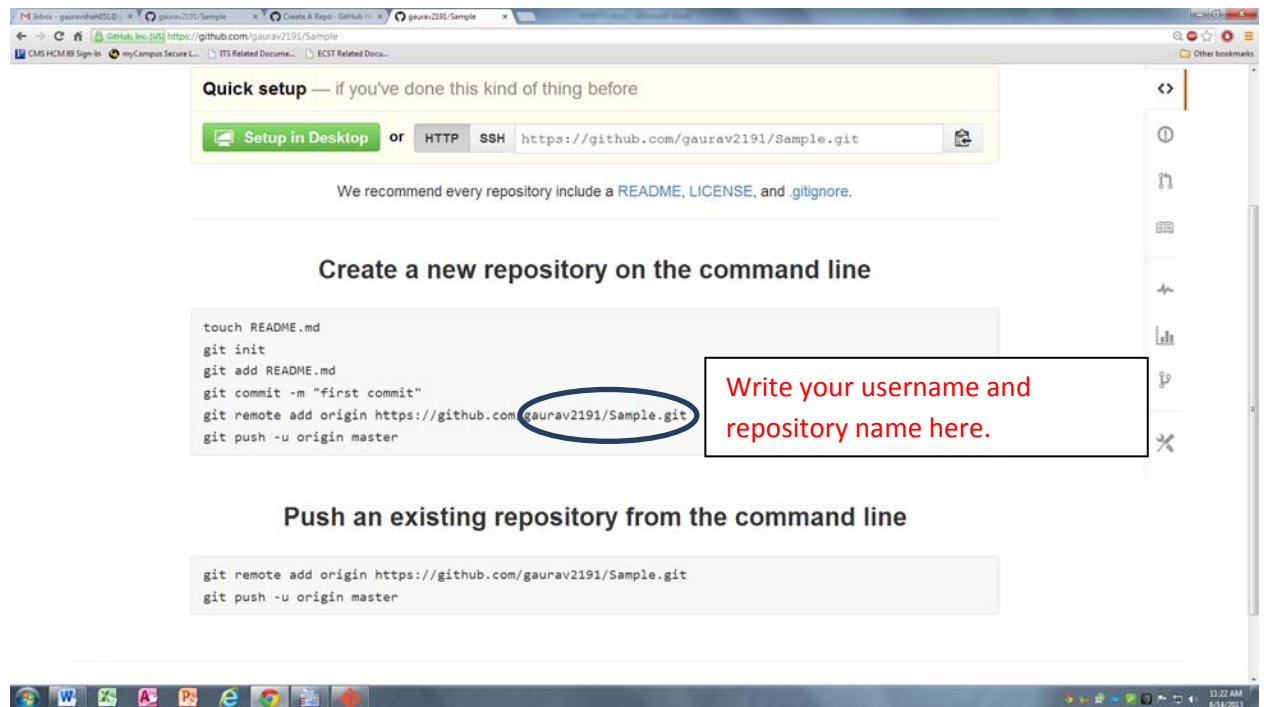
Add .gitignore:  None Add a license:  None 

[Create repository](#)

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Once you clicked on create repository the page will redirected to following one: -

So just open your Git Bash from start menu and type all commands. That's it. Your repository is created.



To complete step 3 & 4 you can simply go through this link.

Step 3:- <https://help.github.com/articles/fork-a-repo>

Step 4:- <https://help.github.com/articles/be-social>