Title: git\_stuffs  
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Output: html\_document

## Hello world, i would like to add the new document for git support

Git is a VCS meaning Version Control System. SO we would to know what we done to the file, at what time we have done the changes, for a single individual doing a task, it will be easy. SO what happens is like, if there are more than a single one working, it is very useful in a collaborative things.  
There are lot of various options like which comes handy, like if one of your collaborator have done a change and you would like to compare it with what you have done, you can simply do a merge option and compare things in one go

## Version Control System

A version control system (or revision control system) is a combination of technologies and practices for tracking and controlling changes to a project's files, in particular to source code, documentation, and web pages

## First thing:

You have to create an empty repository of git. We have to start with the git control structure, we can start it by the following command;

### git init myproject

We will enter to the myproject empty repository using the command

### cd myproject

The next step is to put the files or keep them in a holding zone

git add .

The next step is to historically commit or take the snapshots of the files you have taken, this you can use further and this serves as a timeline over to see the changes. So the command to use is like,

git commit -m "Importing all the code"

#### First things is that, when you have installed git, you have to configure with the online git account, so that you can access it. The simple way to do that is,

### git config --global http.proxy proxy.iisc.ernet.in port 3128 (as i am using proxy)

### git config --global user.email ["hari31march@gmail.com](mailto:"hari31march@gmail.com)"

### git config --list

## Finally, this is how it works;

1. You have to create a directory in your system
2. You have to see whether, you are able to get in to that directory
3. In this step, we will create a file in the directory
4. The we will add that file to the version control
5. The add is just like a signal to make the commit, we will conclude by giving our first commit by uing the commit command

## For making these action, the command is followed as;

### git init project1

### cd project1

### create one file in the directory (best way)

### git add file1.txt

### git status

### git commit -m"my first commit"

### git log (whether it is actually committed)

### git remote add origin ("paste the url from git")

### git pull origin master

### git push origin

## For copying from an existing repository, you can use the command;

### git clone ("paste the url")