**Git and Github - Day 1**

Today tasks would include getting the basics of git, where it is used, why it’s so popular. Installing git on your local system and configuring it.

## What is git and github?

Link to videos: [Tutorial1](https://www.youtube.com/watch?v=OdbBmvfThJY&t=11s), [Tutorial2](https://www.youtube.com/watch?v=BCQHnlnPusY)

## Installing git on your local system

Windows: [Tutorial1](https://www.youtube.com/watch?v=cEGIFZDyszA&list=PL6gx4Cwl9DGAKWClAD_iKpNC0bGHxGhcx&index=1)

Linux: [Tutorial1](https://www.youtube.com/watch?v=ZMgLZUYd8Cw)

Mac:[Tutorial1](https://www.youtube.com/watch?v=LK0vMt_lEbQ&t=20s)

After you have installed git please test it if it’s installed properly on your system. You can do this by checking the version of git on your system.

1. Configuring your username and email

Link to videos: [Tutorial1](https://www.youtube.com/watch?v=yDntCIs-IJM&list=PL6gx4Cwl9DGAKWClAD_iKpNC0bGHxGhcx&index=2)

## Questions-answers

1. What do you mean by git and github?  
  
Git is a distributed version control system . Distributed meaning that each person in an organization has his copies of files in local repo . And version control means , we can keep track of the versions of files created, updated and deleted .  
Github is a web service and is like a remote repository which helps in collaboration with people all over the globe and contribute to open source projects .  
  
2. Why is github so popular ?  
  
Github is popular because say for instance i want to collaborate with a team in a project , I can save my code in one server where everyone can see the changes and updation made and contribute to it .  
  
3. What is VCS?How git is a VCS?  
  
Git is a VCS because it helps to save every versions of files to keep track of the updation in files and various changes . I can switch back to any version and even include any updation without hampering the previous versions.  
  
4. What are the other platforms similar to github?  
  
Bitbucket , gitlab are similar to github  
5. Why are you interested in learning of Git and Github?  
  
I want to learn to collaborate in open source projects.