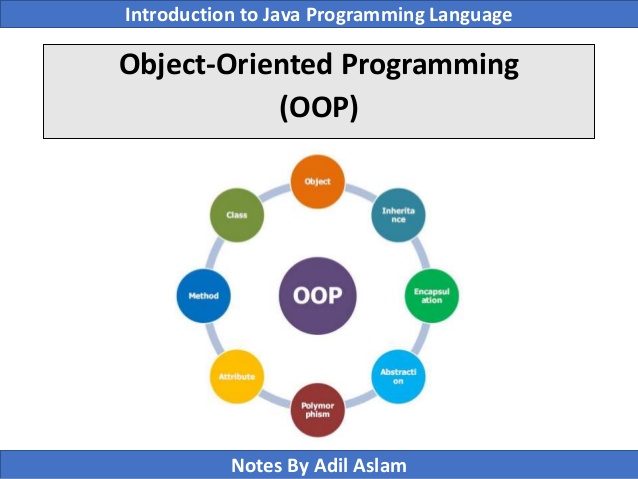


**DEPARTMENT OF COMPUTER SCIENCE**

**ASSIGNMENT OF**

**OBJECT-ORIENTED PROGRAMMING**

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**ROLL NO :** **2017-CS-139**

**SECTION :** **3-C**

**SEMESTER :** **3rd SEMESTER**

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**ASSIGNMENT 1**

**Q:What is Git?**

Git is the most commonly used version control system today.

Git is a distributed version control system , meaning your local

Copy of code is a complete version control repository. You commit

your work locally , and then push and sync your copy of the

repository with the copy on the server. Every development

environment has Git support and Git command run on every

major operating system. You save your work by commit.

**Q:What is the difference between Git and SVN?**

The core difference between them is Git has a powerful and complete local repository. Git has centralized server and repository. Active feature work developed in separate branches. Most of the operations of Git are offline. The network is only required for sync. Whereas SVN needs the network for most operations. If you want to changes or addition into a repository, then the network is mandatory because there is no local repository in SVN. SVN doesn’t have a centralized server and repository.

**Q:Write a command to commit your work on Git?**

Git commit –m “first commit ”

**Q:what are advantages of using Git?**

The biggest advantage of Git is you can access it anywhere. You can save your work into repository and can access your work whenever you want it. By using Git you can do work easily with your team. More there are many projects on Git and they are free.

**Q:what are advantages of using Git?**

Git clone is a Git command line utility which is used to target an existing repository and create a clone, or copy of the target repository. Git clone is primarily used to point to an existing repo and make a clone or copy of that repo at in a new directory, at another location.

**Q:what is the command to delete the branch?**

$ git branch –d feature/login (for local branch)

$ git push origin --delete feature/login (for remote branch).

**Q:what is the command to delete the branch?**

**File is a working copy** where you make your changes. Whenever you edit something, it is saved in working copy and it is a physically stored in a disk. **Committing** is the process of putting back the files from working copy to repository. **Repository** is the place where all the version of the files or  commits,  logs etc. is stored.

**Pull**

**Push**

**Remote repository**

**Local repository**

**Commit**

**File**

**Add**

**Q:How to resolve conflict in Git?**

First of all call the git status and find the conflict and then pull the request then add and commit the changes then push the changes to your repository.

**Q:Name the different vendors that are working on version control system?**

your repository