SESSION 4

DIFFERENT APPROACHES TO GIT
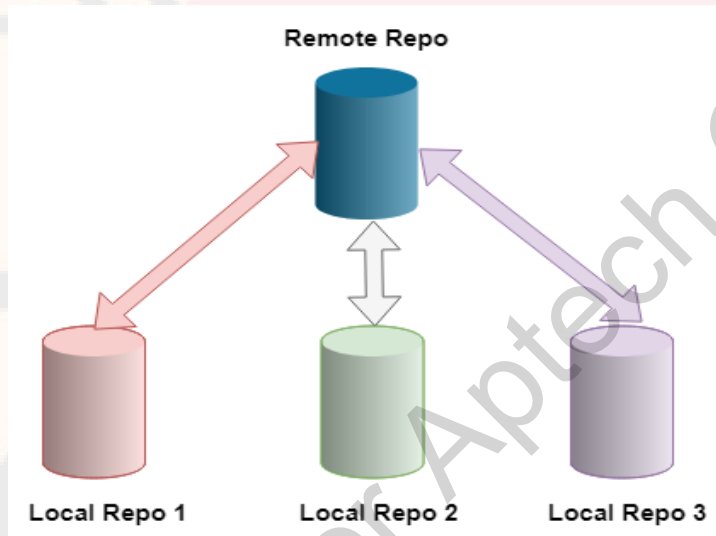
OBJECTIVES

➢ **Explain the process of creating a unique branch**
➢ **Understand how to pull**
➢ **Understand how to use GitHub**
➢ **Understand how to use GitHub Desktop**

REMOTE BRANCHES IN GIT 1-2

Remote Connections in Git

Setting Up and Deleting Remote Branches

Remote Repo

Local Repo 1   Local Repo 2   Local Repo 3

Creating

Viewing

Deleting

REMOTE BRANCHES IN GIT 2-2

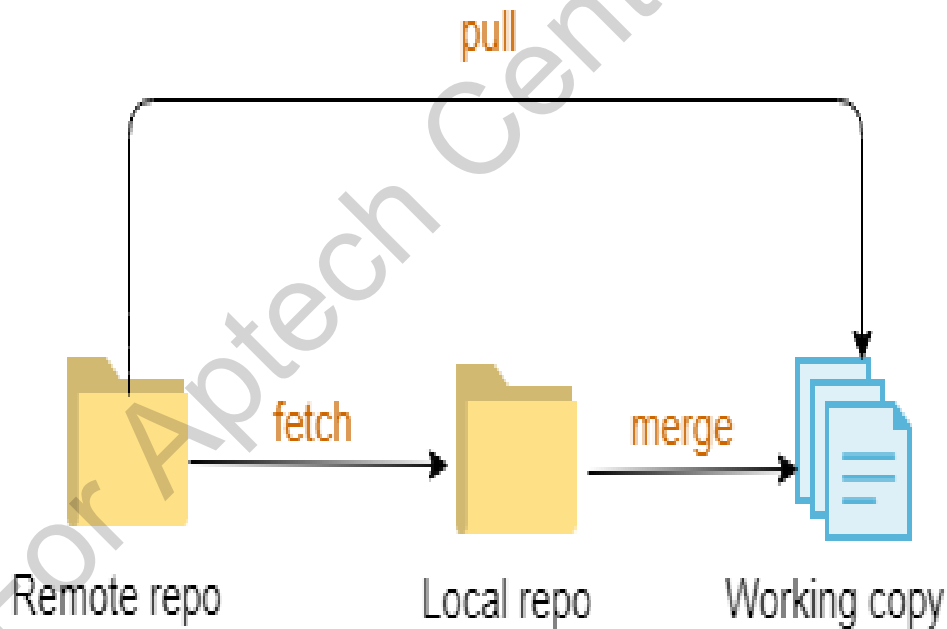| Remote Connections in Git	Setting Up and Deleting Remote Branches

Creating

Deleting

This can be done using commands.

PULLING IN GIT 1-2

Mechanism of Pulling in Git	Approaches to Pulling

pull

Remote repo → fetch → Local repo → merge → Working copy

PULLING IN GIT 2-2

| Mechanism of Pulling in Git | Approaches to Pulling |

Pulling

- Pull
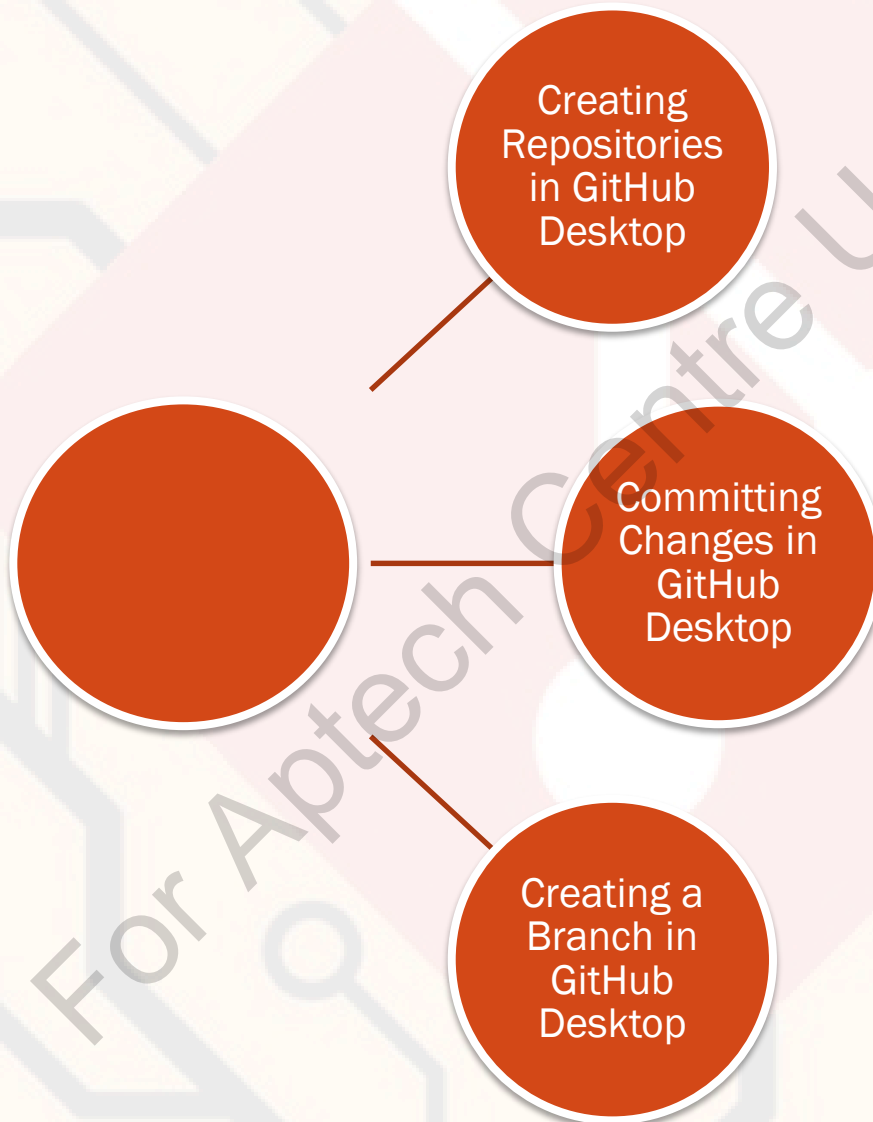- Pull without commit
- Verbose Pull

GITHUB BASICS

```
                    ┌─────────────┐
                    │   GitHub    │
                    └─────────────┘
         ┌────────────┬──────┴──────┬────────────┐
  ┌───────────┐ ┌───────────┐ ┌───────────┐ ┌───────────┐
  │ Creating  │ │ Creating  │ │ Creating  │ │ Making a  │
  │ account   │ │repository │ │  branch   │ │  commit   │
  └───────────┘ └───────────┘ └───────────┘ └───────────┘
```
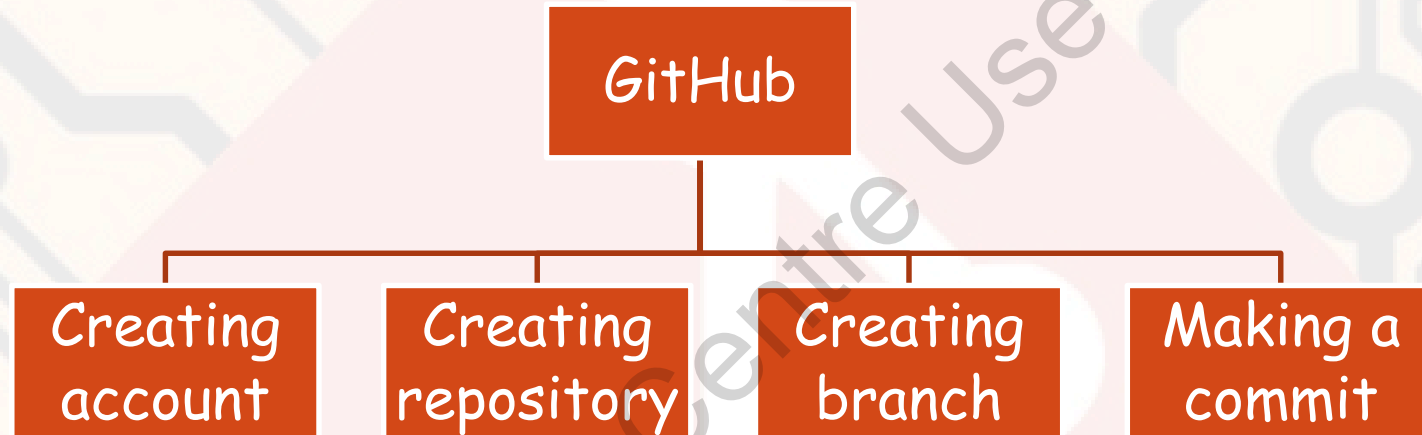
GITHUB DESKTOP 1-2

- Installing GitHub Desktop

GitHub Desktop

GitHub Desktop is being installed.
It'll launch once it is done.

GITHUB DESKTOP 2-2

Creating Repositories in GitHub Desktop

Committing Changes in GitHub Desktop

Creating a Branch in GitHub Desktop

SUMMARY

- Synchronization is achieved in Git via remote connections

- Pulling accomplishes collaboration between various developers

- GitHub gives users the functionality of Git with extra features

- GitHub Desktop as a GUI client makes usage of Git easier