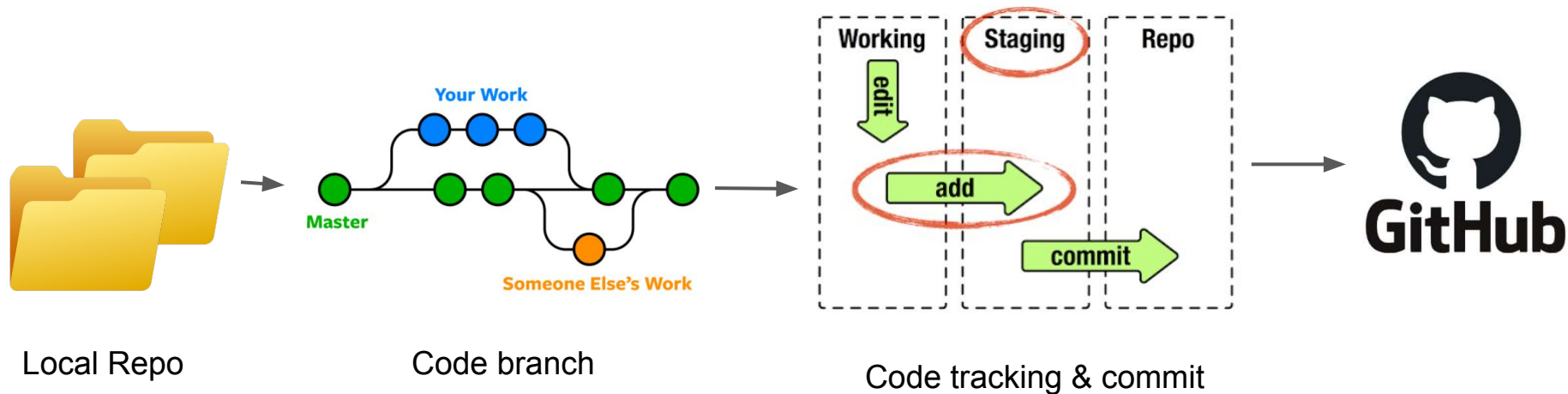# Github

Git

Personal Assistant

Time machine

Git - Key Concepts

1. Local repository or local repo
2. Remote repository or remote rep
3. Branch
4. Commit
5. Pull Request
6. Collaboration

Local Repo   Code branch

Code tracking & commit

Git - Top commands for developers

➔ git init

➔ git add

➔ git commit

➔ git status

➔ git log

➔ git diff

➔ git show

➔ git remote

https://dzone.com/articles/top-20-git-commands-with-examples

➔ git clone

➔ git branch

➔ git checkout

➔ git merge

➔ git push

➔ git pull

➔ git reset

➔ git stash

Demo

Commands

```
C:\Rajesh\SourceCode\SFDevTraining\Github\training>git init -b main
Initialized empty Git repository in C:/Rajesh/SourceCode/SFDevTraining/Github/training/.git/
```

```
C:\Rajesh\SourceCode\SFDevTraining\Github\trainingcalendar>git status
```

```
C:\Rajesh\SourceCode\SFDevTraining\Github\trainingcalendar>git add .
```

```
C:\Rajesh\SourceCode\SFDevTraining\Github\trainingcalendar>git commit -m 'LWC modules'
```

```
C:\Rajesh\SourceCode\SFDevTraining\Github\trainingcalendar>git diff
```

```
C:\Rajesh\SourceCode\SFDevTraining\Github\trainingcalendar>git log
commit 0ab6bbfdbdcccc4e5715e68e12da1c1e325d5f40 (HEAD -> master)
Author: noadonym Rajesh <noadon vm@gmail com>
```

```
C:\Rajesh\SourceCode\SFDevTraining\Github\training>git remote add origin https://github.com/ShareAndShine/training.git
```

```
C:\Rajesh\SourceCode\SFDevTraining\Github\training>git push origin main
```