

## GitHub/Bitbucket and Version Control

### 13 . Basic Git Commands-

Step: -

Initialize : git init

Add files: git add .

Commit - git commit -m "msg"

Github remote : git remote add origin **repo url**

Push : git push -u origin master

**14 Branching Strategy:** It is commonly used in agile teams, where every new feature or bug fix is developed in a separate branch.

Step:-

Branch create and shifting: git checkout -b feature

Add files: git add .

Commit - git commit -m "msg"

Push : git push origin feature

### 15 Merging and Resolving Conflicts:

Step : -

Branch switch - git checkout main

Pull - git pull origin main

Merge Branch : git merge feature

Conflicts-

Conflict marker open-

```
<<<<<<< HEAD
```

```
// Current changes on main
```

```
=====
```

```
// Changes from feature
```

```
>>>>>>> feature
```

Add resolved files: git add filename

Commit - git commit -m "msg"

Push : git push

