

# Week 1 Assignment

## Ridhi Agarwal - PJP- Batch 6

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Github Repo Link : [https://github.com/ridhi26/PS\\_PJP\\_2021](https://github.com/ridhi26/PS_PJP_2021)

### 1. Github

#### a. Basic usage using the cli

##### i. git init

```
git add .
```

```
git status ( Result :- On master branch )
```

```
echo "PS_PJP_WEEK1">>README.md
```

```
git add .
```

```
git commit -m"Read me file added"
```

##### ii. Remote Repository created

```
git remote add origin https://github.com/ridhi26/PS\_PJP\_2021.git
```

```
git branch -M main
```

```
git push -u origin main
```

##### iii. git branch Feature

```
git branch QA
```

```
git branch Dev
```

```
git branch Production
```

```
git branch delivery
```

##### iv. git push origin --all

##### v. echo "Hello World">>File1.txt

```
echo "File we will delete">>File2.txt
```

```
git add .
```

```
git status
```

```
git rm -f File2.txt
```

```
mkdir folder1
```

```
mkdir folder2
```

```
cd folder1
```

```
echo "We are in folder 1">>file_in_folder1.txt
```

```
git rm -r -f folder2
```

```
git commit
```

```
git push -u origin main
```

##### vi. git checkout Feature

```
echo "We are in feature branch">>Featurefile.txt
```

```
git add .
```

```
git status
```

```
git commit -m"Feature files introduced"  
git push origin Feature
```

vii. git checkout Dev  
git status  
git pull origin Feature  
git add .  
git push origin Dev

viii. git pull origin Feature

ix. Checkout vs Pull

**Git checkout** - It is used for switching among branches. Thus, by switching to the branch, we can update files in the working tree. We can also use it to restore a historic version of a specific file.

**Git pull** - This command is used to fetch and download content from a remote repository and immediately update the local repository to match that content. Thus it checks into the remote branch and then searches for updates and merges it into the local repository.

x. Merge conflicts arose in the Dev branch since different users tried to change files. They were then successfully resolved.

xi. The code is perfectly synced with all the branches.