

## Day 5 Assignment

Digvijay Thakare

**Que 1-Assignment 1: Initialize a new Git repository in a directory of your choice add a simple text file to the repository and make the first commit.**

### **Solution**

Windows PowerShell

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Install the latest PowerShell for new features and improvements!

<https://aka.ms/PSWindows>

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git init
```

Initialized empty Git repository in

C:/Users/Digvija/Desktop/WiproFullstack/Assignments/.git/

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git add .
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git status
```

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: AssignmnetDay5.txt

new file: Day 2Task1.pdf

new file: Day 2Task1.xlsx

new file: Day 4 Assignment Digvijay.docx

new file: Day 4 Assignment Digvijay.pdf  
new file: Day2Task2.xlsx  
new file: DigvijayThakare Assignment Day2.docx  
new file: DigvijayThakare Assignment Day2.pdf  
new file: day1 Assignment.docx  
new file: day1 Assignment.pdf

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git commit  
-m "Added assignment file as Assignment day5 "
```

```
[master (root-commit) b37b710] Added assignment file as Assignment  
day5
```

```
10 files changed, 1 insertion(+)
```

```
create mode 100644 AssignmnetDay5.txt
```

```
create mode 100644 Day 2Task1.pdf
```

```
create mode 100644 Day 2Task1.xlsx
```

```
create mode 100644 Day 4 Assignment Digvijay.docx
```

```
create mode 100644 Day 4 Assignment Digvijay.pdf
```

```
create mode 100644 Day2Task2.xlsx
```

```
create mode 100644 DigvijayThakare Assignment Day2.docx
```

```
create mode 100644 DigvijayThakare Assignment Day2.pdf
```

```
create mode 100644 day1 Assignment.docx
```

```
create mode 100644 day1 Assignment.pdf
```

**Que 2 Assignment 2: Branch creation and switching**  
**Create a new branch named feature and switch to it .Make**  
**changes in the feature branch and commit them.**

**Solution-**

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git branch
```

```
* master
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git  
checkout -b feature
```

```
Switched to a new branch 'feature'
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git add .
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git status
```

```
On branch feature
```

```
nothing to commit, working tree clean
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git branch
```

```
* feature
```

```
master
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git add .
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git status
```

```
On branch feature
```

```
Changes to be committed:
```

```
(use "git restore --staged <file>..." to unstage)
```

```
new file: Assignment5Que2text file.txt
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git commit  
-m "Made changes in feaure brnch"
```

```
[feature 45ecc0e] Made changes in feaure brnch
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
```

```
create mode 100644 Assignment5Que2text file.txt
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments>
```

### **Assignment 3 Feature Branches and Hotfixes**

**Create a 'hotfix' branch to fix an issue in the main code .Merge the 'hotfix' branch into main to ensuring the issue is resolved.**

#### **Solution-**

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git  
checkout -b hotfix
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git branch  
feature
```

```
* hotfix
```

```
master
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git add .
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git status
```

On branch hotfix

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: hotfixcode.txt

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git commit  
-m "Fixed the issue in the main code"
```

```
[hotfix 7d5ff20] Fixed the issue in the main code
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
```

```
create mode 100644 hotfixcode.txt
```

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git  
checkout master
```

Switched to branch 'master'

```
PS C:\Users\Digvija\Desktop\WiproFullstack\Assignments> git merge  
hotfix
```

```
Updating b37b710..7d5ff20
```

Fast-forward

Assignment5Que2text file.txt | 0

hotfixcode.txt | 0

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 Assignment5Que2text file.txt

create mode 100644 hotfixcode.txt