

## Part 2 – Adding a commit to the repo

### Commands used – Git add

#### To move the file to staging area

```
PS E:\Demo Git Repo\About-Git-and-GitHub> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
PS E:\Demo Git Repo\About-Git-and-GitHub> git add README.md
PS E:\Demo Git Repo\About-Git-and-GitHub>
PS E:\Demo Git Repo\About-Git-and-GitHub>
PS E:\Demo Git Repo\About-Git-and-GitHub> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md

PS E:\Demo Git Repo\About-Git-and-GitHub> █
```

### Commands used – Git commit

#### If committing for the first time you have to set up your identity

```
PS E:\Demo Git Repo\About-Git-and-GitHub> █
PS E:\Demo Git Repo\About-Git-and-GitHub>
PS E:\Demo Git Repo\About-Git-and-GitHub> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md

PS E:\Demo Git Repo\About-Git-and-GitHub> git commit
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'hp@DESKTOP-O8N6LBN.(none)')
PS E:\Demo Git Repo\About-Git-and-GitHub> █
```

```

PS E:\Demo Git Repo>About-Git-and-GitHub> git config --global user.email "abhinavtyagi0059@gmail.com"
PS E:\Demo Git Repo>About-Git-and-GitHub> git config --global user.name "Abhinav Tyagi"
PS E:\Demo Git Repo>About-Git-and-GitHub>
PS E:\Demo Git Repo>About-Git-and-GitHub>
PS E:\Demo Git Repo>About-Git-and-GitHub> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md

PS E:\Demo Git Repo>About-Git-and-GitHub> git commit
Aborting commit due to empty commit message.
PS E:\Demo Git Repo>About-Git-and-GitHub> git commit
[main ff24987] git commit
 1 file changed, 1 insertion(+), 1 deletion(-)
PS E:\Demo Git Repo>About-Git-and-GitHub> git log
commit ff249879fb9cda3661cd9c1e61ad6a63253ca7ee (HEAD -> main)
Author: Abhinav Tyagi <abhinavtyagi0059@gmail.com>
Date:   Sun Jun 26 00:21:07 2022 +0530

    git commit

commit 73bae56eef203845606aa97eb711cbc9abd81e8 (origin/main, origin/HEAD)
Author: Abhinav Tyagi <108066950+FunBook5@users.noreply.github.com>
Date:   Sat Jun 25 20:06:59 2022 +0530

    Update README.md

commit 5b439c0da37119a3febd9c104590a1761a745dff
Author: Abhinav Tyagi <108066950+FunBook5@users.noreply.github.com>

```

**After the commit is done Git log can be used to see history of commits.**

```

Windows PowerShell

    git commit

commit 73bae56eef203845606aa97eb711cbc9abd81e8 (origin/main, origin/HEAD)
Author: Abhinav Tyagi <108066950+FunBook5@users.noreply.github.com>
Date:   Sat Jun 25 20:06:59 2022 +0530

    Update README.md

commit 5b439c0da37119a3febd9c104590a1761a745dff
Author: Abhinav Tyagi <108066950+FunBook5@users.noreply.github.com>
Date:   Sat Jun 25 19:43:58 2022 +0530

    Update README.md

commit ff0bbe447cea5d3e8ada77e0f54039551bec7487
Author: Abhinav Tyagi <108066950+FunBook5@users.noreply.github.com>
Date:   Sat Jun 25 19:39:35 2022 +0530

    Update README.md

commit 0c6d05230958fae0be1e3d805ab3880f41caa4e0
Author: Abhinav Tyagi <108066950+FunBook5@users.noreply.github.com>
Date:   Sat Jun 25 19:29:55 2022 +0530

    Add files via upload

commit 03a804280f2791c6fbea38b4fdcca1f9328dbddc
Author: Abhinav Tyagi <108066950+FunBook5@users.noreply.github.com>
Date:   Sat Jun 25 19:07:08 2022 +0530

    Add files via upload

```