



# SCHOOL OF ENGINEERING AND TECHNOLOGY

## **Assignment-4**

**Assignment Title:** *Build & Document a Mini Project Using  
GitHub and VS Code*

**SUBMITTED BY : MEHAK**

**ROLL NO. : 2501410004**

**PROGRAMME : BTECH CSE (cyber security)**

**COURSE CODE : ETCCCP105**

**COURSE NAME : Computer Science Fundamentals & Career Pathways**

**SEMSTER : 1 (odd)**

**SUBMITTED TO : DR.FEROZ AHMED**



# SCREENSHOTS AND BRIEFING

- Use of `git init`, `git add`, `git commit`, `git branch`, `git push`.
- Initialized a new git repository in your assignment directory.
- Staged and committed `the main HTML file` with an initial commit message.
- Added and committed your `CSS file` for styling changes.
- Added and committed a profile image to the repository.
- Staged and committed a `README.md file` for project documentation.
- Included a `.gitignore file` and committed to exclude unnecessary files.
- Created and switched the project branch to `main`.
- Linked your local repository to a `remote GitHub repository` using its URL.
- Pushed all local commits to the "`main`" branch on GitHub, setting upstream tracking for future pushes.



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS zsh + v [ ] [ ] ... | [ ] [ ] X
```

- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git init  
Initialized empty Git repository in /Users/Mehak/UNI/Fundamental/assignment/CSFCP\_assignment4/.git/
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git add .
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git add index.html
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git commit -m "Initial Commit : adding index.html file"  
[main (root-commit) 8ecec21] Initial Commit : adding index.html file  
1 file changed, 137 insertions(+)  
create mode 100644 index.html
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git add style.css
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git commit -m "Second Commit : adding style.css file"  
[main 086aefc] Second Commit : adding style.css file  
1 file changed, 86 insertions(+)  
create mode 100644 style.css
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git add Profile\_pic.jpeg
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git commit -m "Third Commit : adding Profile\_pic.jpeg"  
[main 2418297] Third Commit : adding Profile\_pic.jpeg  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 Profile\_pic.jpeg
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git add README.md
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git commit -m "Fourth Commit : adding README.md"  
[main 772b1e7] Fourth Commit : adding README.md  
1 file changed, 34 insertions(+)  
create mode 100644 README.md
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git add .gitignore
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git commit -m "Fifth Commit : adding .gitignore"  
[main 48929b2] Fifth Commit : adding .gitignore  
1 file changed, 9 insertions(+)  
create mode 100644 .gitignore
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git branch -M main
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git remote add origin https://github.com/m3hakkaushik/csf\_assignment\_4\_2501410004.git
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git branch -M main
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git status  
On branch main  
nothing to commit, working tree clean
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 % git push -u origin main  
Enumerating objects: 15, done.  
Counting objects: 100% (15/15), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (14/14), done.  
Writing objects: 100% (15/15), 50.59 KiB | 25.30 MiB/s, done.  
Total 15 (delta 2), reused 0 (delta 0), pack-reused 0  
remote: Resolving deltas: 100% (2/2), done.  
To https://github.com/m3hakkaushik/csf\_assignment\_4\_2501410004.git  
\* [new branch] main -> main  
branch 'main' set up to track 'origin/main'.
- kunal024@Kunals-MacBook-Air-2 CSFCP\_assignment4 %



- Reinitialized the existing Git repository in the `CSFCP_assignment4` directory.
- Staged all current project files using `git add ..`
- Explicitly added the PDF file `csf_assignment4.pdf` to the staging area.
- Created a final commit with the message `FINAL COMMIT : SCREENSHOTS OF GIT COMMANDS USED`, recording the PDF in version control.

```
● kunal024@Kunals-MacBook-Air-2 CSFCP_assignment4 % git init
Reinitialized existing Git repository in /Users/Mehak/UNI/Fundamental/assignment/CSFCP_assignment4/.git/
● kunal024@Kunals-MacBook-Air-2 CSFCP_assignment4 % git add .
● kunal024@Kunals-MacBook-Air-2 CSFCP_assignment4 % git add csf_assignment4.pdf
● kunal024@Kunals-MacBook-Air-2 CSFCP_assignment4 % git commit -m "FINAL COMMIT : SCREENSHOTS OF GIT COMMA
NDS USED"
[main e7d95ce] FINAL COMMIT : SCREENSHOTS OF GIT COMMANDS USED
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 csf_assignment4.pdf
● kunal024@Kunals-MacBook-Air-2 CSFCP_assignment4 % git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 702.48 KiB | 35.12 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/m3hakkaushik/csf_assignment_4_2501410004.git
48929b2..e7d95ce main -> main
○ kunal024@Kunals-MacBook-Air-2 CSFCP_assignment4 %
```