

1 Create a branch feature/<your-name>/<task>

2 Add a simple program (reverse string / fibonacci / factorial)

```
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github$ cd Assignment3
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ git clone https://github.com/sjanamutkiri11/Github3.git
Cloning into 'Github3'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ git checkout -b feature/sanjana/reverse-string
Switched to a new branch 'feature/sanjana/reverse-string'
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ git branch
* feature/sanjana/reverse-string
  main
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ nano reverse.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$
```

3 Commit changes

```
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ git add .
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ git commit -m "added code for reversing string"
[feature/sanjana/reverse-string 14b712b] added code for reversing string
 1 file changed, 5 insertions(+)
   create mode 100644 reverse.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ git push origin feature/sanjana/reverse-string
^C
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$
```

4 Push branch to remote

```
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github/Assignment3$ cd ..
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github$ git add .
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github$ git commit -m "added code"
[main 02870e9] added code
 1 file changed, 1 insertion(+)
  create mode 160000 Github/Assignment3/Github3
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github$ git push -u origin main
Username for 'https://github.com': sanjanamutkiri11
Password for 'https://sanjanamutkiri11@github.com':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 479 bytes | 479.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sanjanamutkiri11/Traning.git
  8178e17..02870e9 main -> main
branch 'main' set up to track 'origin/main'.
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/Traning/Github$
```

5 Create a Pull Request to main

The screenshot shows a GitHub repository page for 'Github3'. At the top, there's a yellow banner indicating 'feature/sanjana had recent pushes 2 seconds ago'. Below the banner, the repository details are shown: 'main' branch, 1 Branch, 0 Tags. A file list shows 'README.md' with an 'Initial commit' by 'sanjanamutkiri11' at '2ed766f · 19 minutes ago'. To the right, there's an 'About' section with a note 'No description, website, or topics provided.' and a 'Compare & pull request' button. The 'About' section also lists 'Readme', 'Activity', '0 stars', '0 watching', and '0 forks'. Below the repository details, there's a 'Releases' section stating 'No releases published' and a 'Packages' section stating 'No packages published'. At the bottom, there's a footer with links to GitHub's terms, privacy, security, status, community, docs, contact, manage cookies, and a link to 'Do not share my personal information'.