

# Cloud Computing & DevOps

## Practical – 2

### In Terminal:

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\VIDIT\Downloads\pr> gitinit
gitinit : The term 'gitinit' is not recognized as the name of a cmdlet, function, script file, or operable program.
Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ gitinit
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (gitinit:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\VIDIT\Downloads\pr> git init
Initialized empty Git repository in C:/Users/VIDIT/Downloads/pr/.git/
PS C:\Users\VIDIT\Downloads\pr> echo "< myfile.txt"
< myfile.txt
PS C:\Users\VIDIT\Downloads\pr> echo "hello"> demo.txt
PS C:\Users\VIDIT\Downloads\pr> gh auth login
? Where do you use GitHub? GitHub.com
? What is your preferred protocol for Git operations on this host? HTTPS
? Authenticate Git with your GitHub credentials? Yes
? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: 7F93-411C
Press Enter to open https://github.com/login/device in your browser...
PS C:\Users\VIDIT\Downloads\pr> gh auth login
? Where do you use GitHub? GitHub.com
? What is your preferred protocol for Git operations on this host? HTTPS
? Authenticate Git with your GitHub credentials? Yes
? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: 028B-1921
Press Enter to open https://github.com/login/device in your browser...
✓ Authentication complete.
- gh config set -h github.com git_protocol https
✓ Configured git protocol
✓ Logged in as visa0618
PS C:\Users\VIDIT\Downloads\pr> gh repo create practical_B_093 --public --source=. --push
`--push` enabled but no commits found in C:\Users\VIDIT\Downloads\pr
PS C:\Users\VIDIT\Downloads\pr> gh repo create practical_B_093 --public
✓ Created repository visa0618/practical_B_093 on github.com
https://github.com/visa0618/practical_B_093
PS C:\Users\VIDIT\Downloads\pr> git add .
PS C:\Users\VIDIT\Downloads\pr> git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   demo.txt

PS C:\Users\VIDIT\Downloads\pr> git branch -M main
PS C:\Users\VIDIT\Downloads\pr> git push origin main
error: src refspec main does not match any
```

## In Terminal:

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No commits yet

Changes to be committed:
(use "git rm --cached <file>..." to unstage)
  new file: demo.txt

PS C:\Users\VIDIT\Downloads\pr> git branch -M main
PS C:\Users\VIDIT\Downloads\pr> git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'origin'
PS C:\Users\VIDIT\Downloads\pr> git config --global user.name ["Vidit"]
PS C:\Users\VIDIT\Downloads\pr> git config --global user.email ["viditparekh2002@gmail.com"]
PS C:\Users\VIDIT\Downloads\pr> git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'origin'
PS C:\Users\VIDIT\Downloads\pr> git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'origin'
PS C:\Users\VIDIT\Downloads\pr> git branch -M main
PS C:\Users\VIDIT\Downloads\pr> git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'origin'
PS C:\Users\VIDIT\Downloads\pr> git commit -m "added"
[main (root-commit) 888753d] added
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 demo.txt
PS C:\Users\VIDIT\Downloads\pr> git push -u origin main
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Windows PowerShell

PS C:\Users\VIDIT\Downloads\pr> git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'origin'
PS C:\Users\VIDIT\Downloads\pr> git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'origin'
PS C:\Users\VIDIT\Downloads\pr> git branch -M main
PS C:\Users\VIDIT\Downloads\pr> git push -u origin main
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[main (root-commit) 888753d] added
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 demo.txt
PS C:\Users\VIDIT\Downloads\pr> git push -u origin main
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
PS C:\Users\VIDIT\Downloads\pr> git remote add origin https://github.com/visa0618/practical_B_093.git
PS C:\Users\VIDIT\Downloads\pr> git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 229 bytes | 229.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/visa0618/practical_B_093.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\VIDIT\Downloads\pr> |
```

# In GitHub:

The screenshot displays the GitHub interface across three main sections: the Home page, a repository overview, and a detailed file view.

**Home Page:** The top section shows the GitHub dashboard with a search bar and navigation links. A repository named "visa0618/practical\_B\_093" is listed under "Top repositories".

**Repository Overview:** The middle section shows the repository "practical\_B\_093" with the following details:

- Code tab:** Selected. Branch: main, Tags: 0. Includes a "Go to file" search bar and a "Code" dropdown.
- Commit History:** Shows a single commit by "[Vudit]" adding "demo.txt".
- README:** A placeholder area with a "Add a README" button.

**File View:** The bottom section shows the contents of "demo.txt" in the "practical\_B\_093" repository:

- Files sidebar:** Shows "main" branch and "demo.txt" file.
- File Content:** Displays the text "1 hello" and "2".