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
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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:

```
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.
```

```
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
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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.

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:

Practical - 3
In Terminal:
Output – 1:

```
Sum of Even Numbers: 2550
PS C:\Users\VIDIT\Downloads\pr> python r_h_pyramid.py
Right Half Pyramid Pattern:

*
* *
* * *
* * * *
* * * * *
* * * * * *
```

Output – 2:

```
PS C:\Users\VIDIT\Downloads\pr> python full_pyramid.py
*********
 *******
  *****
   ***
    *
```

Output – 3:

```
PS C:\Users\VIDIT\Downloads\pr> python even_numbers.py
List of Even Numbers:
[2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62,
 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100]

Minimum Even Number: 2
Maximum Even Number: 100
Sum of Even Numbers: 2550
PS C:\Users\VIDIT\Downloads\pr> git add .
```