

Mudar Shullar / 1. Week Assignment / Version Control

1. Week Assignment (Version Control):

a) Clone the VC Repository <https://github.com/DataGlacier/VC.git>



b) Create a new branch, c) checkout newly created branch:

```
Command Prompt

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git branch new-branch

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git checkout new-branch
Switched to branch 'new-branch'
M       Week 1/VC/response.json

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git status
On branch new-branch
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:   response.json

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        scripts/__pycache__/
        test/__pycache__/

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git checkout main
Switched to branch 'main'
M       Week 1/VC/response.json
Your branch is up to date with 'origin/main'.

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git merge new-branch
Already up to date.

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>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:   response.json

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        scripts/__pycache__/
        test/__pycache__/

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git push origin main
Everything up-to-date

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>
```

d) Run the add.py and provide your name and fav sport as input:

```
Command Prompt
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>python scripts/add.py
Please add your name: Mudar Shullar
Please add your favourite sports name: Jogging
Please add your name: Mudar Shullar
Please add your favourite sports name: Jogging
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>
```

e) `pytest test/test.py -s`:

```
Command Prompt
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>pytest test/test.py -s
C:\Users\mshullar\AppData\Local\Programs\Python\Python310\lib\site-packages\pep8.py:110: FutureWarning: Possible nested
set at position 1
  EXTRANEOUS_WHITESPACE_REGEX = re.compile(r'[{(} | [ ]),,;:]')
===== test session starts =====
platform win32 -- Python 3.10.4, pytest-7.1.3, pluggy-1.0.0
rootdir: C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC
plugins: anyio-3.5.0, pep8-1.0.6
collecting ... Please add your name: Mudar Shullar
Please add your favourite sports name: Jogging
collected 1 item

test\test.py .

===== 1 passed in 5.32s =====
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>
```

- f) Ignore warning and if there is no error then add, commit, and push your changes to repository:

```
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>echo "first week task" >> new_File.txt

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git status
On branch new-branch
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:   new_File.txt
        modified:   response.json

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        scripts/__pycache__/
        test/__pycache__/

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git add new_File.txt

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git status
On branch new-branch
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   new_File.txt

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:   response.json

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        scripts/__pycache__/
        test/__pycache__/

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git commit -m "Initial commit"
[new-branch 7a5fda9] Initial commit
Committer: Shullar <mshullar@ceteris.ag>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git push origin main
Everything up-to-date
```