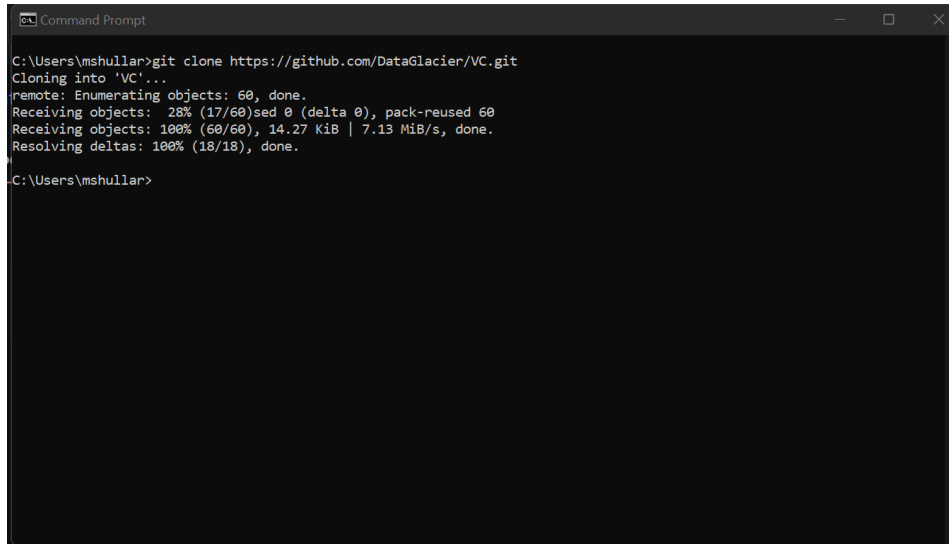


# Version Control Assignment

Mudar Shullar

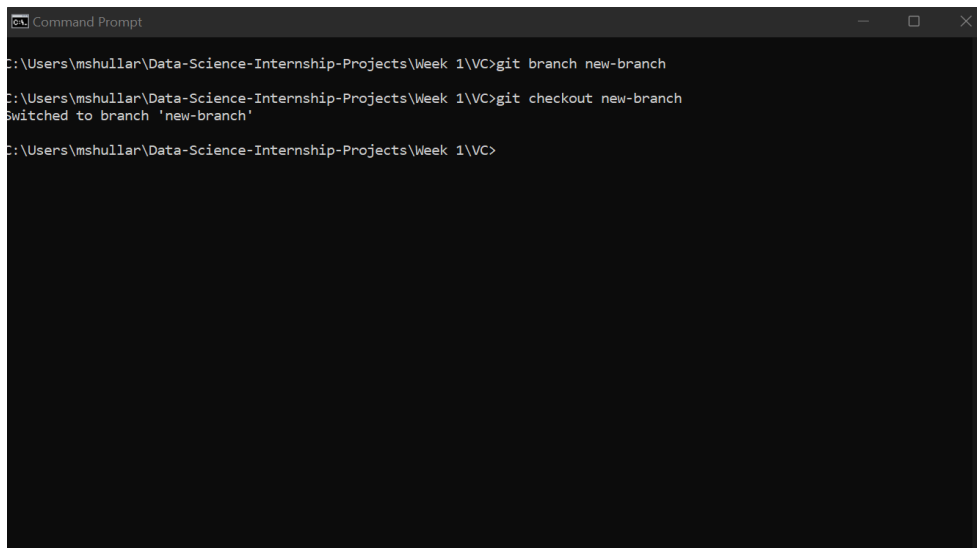
09.05.2022

- 1) Clone the VC repo <https://github.com/DataGlacier/VC.git>:



```
Command Prompt
C:\Users\mshullar>git clone https://github.com/DataGlacier/VC.git
Cloning into 'VC'...
remote: Enumerating objects: 60, done.
Receiving objects: 28% (17/60) | 14.27 KiB | 7.13 MiB/s, done.
Receiving objects: 100% (60/60), 14.27 KiB | 7.13 MiB/s, done.
Resolving deltas: 100% (18/18), done.
C:\Users\mshullar>
```

- 2) Create a new branch / 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'
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>
```

- 3) Run the add.py and provide your name and fav sport as input / Run the test script using below command (pytest test/test.py -s):

```
Command Prompt
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git status
On branch new-branch
nothing to commit, working tree clean

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>
```

```
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
  EXTRANEIOUS_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 5.06s =====

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

#### 4) Ignore warning and if there is no error then add, commit, and push your changes to repo:

```
Command Prompt

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git add scripts/add.py

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git commit -m "add.py"
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 commit -am "add.py"
[new-branch 27cb7d2] add.py
 1 file changed, 3 insertions(+), 2 deletions(-)

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git add test/test.py

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git commit -am "test/test.py"
On branch new-branch
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        scripts/__pycache__/
        test/__pycache__/

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git push --set-upstream origin new-branch
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 473 bytes | 473.00 KiB/s, done.
Total 5 (delta 1), reused 1 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'new-branch' on GitHub by visiting:
remote:   https://github.com/mudarshullar2/Data-Science-Internship-Projects/pull/new/new-branch
remote:
To https://github.com/mudarshullar2/Data-Science-Internship-Projects.git
 * [new branch]      new-branch -> new-branch
branch 'new-branch' set up to track 'origin/new-branch'.

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>
```

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

C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git status
On branch new-branch
Your branch is up to date with 'origin/new-branch'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   scripts/__pycache__/__init__.cpython-310.pyc
        new file:   scripts/__pycache__/add.cpython-310.pyc
        new file:   test/__pycache__/test.cpython-310-pytest-7.1.3.pyc

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

## 5) If reviewer approves, then merge the changes to master:

```
C:\Users\mshullar\Data-Science-Internship-Projects\Week 1\VC>git push --set-upstream origin new-branch
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 473 bytes | 473.00 KiB/s, done.
Total 5 (delta 1), reused 1 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'new-branch' on GitHub by visiting:
remote:   https://github.com/mudarshullar2/Data-Science-Internship-Projects/pull/new/new-branch
remote:
To https://github.com/mudarshullar2/Data-Science-Internship-Projects.git
 * [new branch]      new-branch -> new-branch
branch 'new-branch' set up to track 'origin/new-branch'.

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>
```