Lab Assignment 3 (01/24/2023)
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Tasks:
1. try the list of methods on Python list by creating a file with name demo_pythonlist.py, execute it from terminal (submit code and screenshot)

2. Set up GitHub Account and A repository for this class,

git clone the repository to local machine, git add the above file, git commit -m "any message", git push to the repository on GitHub

Submission Files and Results:

1. Created python code for list methods. Here is the Screenshot for the execution

```
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023/2. Lab Assignment 3$ python3 demo_pythonlist.py
Updated list after append: [1, 2, 'apple', 'banana', 3, 'orange', 'kiwi']
Updated list after insert: [1, 2, 'mango', 'apple', 'banana', 3, 'orange', 'ki
wi']
Updated list after remove: [1, 2, 'mango', 'apple', 3, 'orange', 'kiwi']
Index of 'orange': 5
Count of 2: 1
Sorted list: ['1', '2', '3', 'apple', 'kiwi', 'mango', 'orange']
Reversed list: ['orange', 'mango', 'kiwi', 'apple', '3', '2', '1']
```

2. Created git hub repository
    a. Git status

```
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        1. Lab Assignment 2/
        2. Lab Assignment 3/

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

    b. Git add and git status

```
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023$ git add .
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   1. Lab Assignment 2/1. Lab Assignment 2 Screen Shots for b
oth 2 and 3 steps.pdf
        new file:   1. Lab Assignment 2/__pycache__/myfuncs.cpython-310.pyc
        new file:   1. Lab Assignment 2/__pycache__/myfuncs.cpython-39.pyc
        new file:   1. Lab Assignment 2/demo_myfuncs.py
        new file:   1. Lab Assignment 2/myfuncs.py
        new file:   2. Lab Assignment 3/demo_pythonlist.py
```

c. Added email and username and committed the files

```
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023$ git config --global user.email "nvallomkondu@gmail.com"
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023$ git config --global user.name "Saichandana999"
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023$ git commit -m "Adding my Lab assignments"
[main c6090b0] Adding my Lab assignments
 6 files changed, 122 insertions(+)
 create mode 100644 1. Lab Assignment 2/1. Lab Assignment 2 Screen Shots for b
oth 2 and 3 steps.pdf
 create mode 100644 1. Lab Assignment 2/__pycache__/myfuncs.cpython-310.pyc
 create mode 100644 1. Lab Assignment 2/__pycache__/myfuncs.cpython-39.pyc
 create mode 100644 1. Lab Assignment 2/demo_myfuncs.py
 create mode 100644 1. Lab Assignment 2/myfuncs.py
 create mode 100644 2. Lab Assignment 3/demo_pythonlist.py
```

d. Git push

```
(base) ubuntu@ubuntu-vm:~/Documents/chandanaWorkspace/CPRE 525 Spring 2023/CPR
E525Spring2023$ git push
Username for 'https://github.com': Saichandana999
Password for 'https://Saichandana999@github.com':
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 8 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (11/11), 518.28 KiB | 16.20 MiB/s, done.
Total 11 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Saichandana999/CPRE525Spring2023.git
   f6060a0..c6090b0  main -> main
```

e. Final GitHub repository

<> **Code**   ⊙ Issues   ⑂ Pull requests   ▶ Actions   ⊞ Projects   🛡 Security   📈 Insights   ⚙ Settings

⑂ main ▾   ⑂ **1** branch   🏷 **0** tags   Go to file   Add file ▾   <> Code ▾

Saichandana999 Adding my Lab assignments   c6090b0 5 minutes ago   🕐 **2** commits

📁	1. Lab Assignment 2	Adding my Lab assignments	5 minutes ago
📁	2. Lab Assignment 3	Adding my Lab assignments	5 minutes ago
📄	LICENSE	Initial commit	44 minutes ago
📄	README.md	Initial commit	44 minutes ago