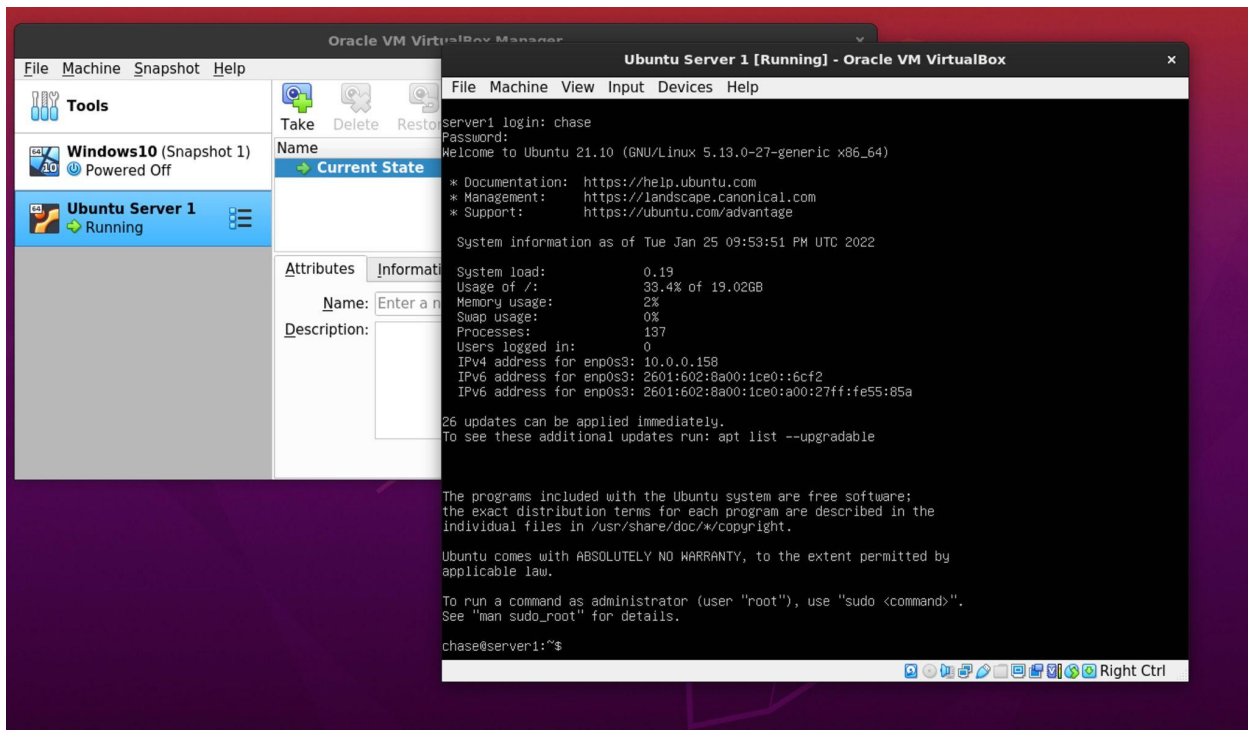
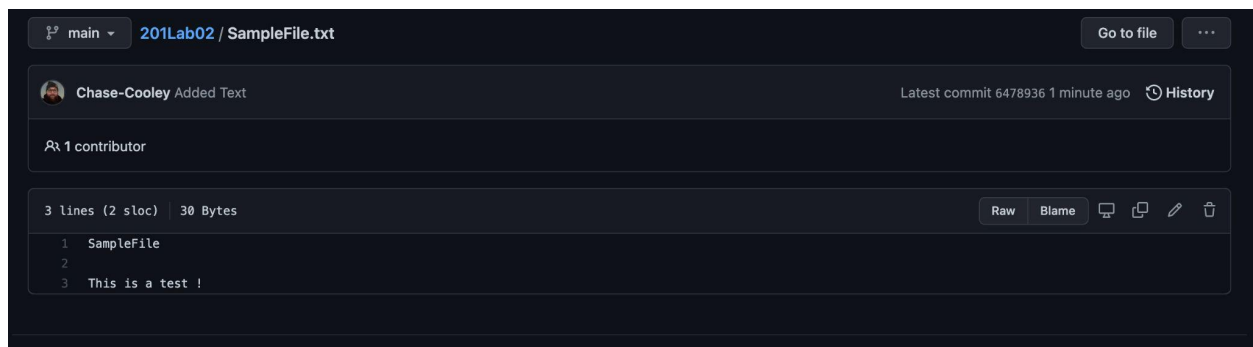


PART 1 : Deploy Ubuntu Server**Ubuntu Server Virtualization**

PART 2 : Installing and using Git

```
chase@server1:~$ sudo apt install git
[sudo] password for chase:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.32.0-1ubuntu1).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 26 not upgraded.
chase@server1:~$ git --version
git version 2.32.0
chase@server1:~$ _
```

Sudo apt install git / git --version



New Github repo with added fille

```
--expiry-date      value is an expiry date

Other
-z, --null          terminate values with NUL byte
--name-only         show variable names only
--includes          respect include directives on lookup
--show-origin       show origin of config (file, standard input, blob, command line)
--show-scope        show scope of config (worktree, local, global, system, command)
--default <value>   with --get, use default value when missing entry

chase@server1:~$ git config --global user.name "Chase-Coooley"
chase@server1:~$ git config --global user.email "cacoolsecondary@gmail.com"
chase@server1:~$ _
```

Git configs

```

chase@server1:~$ mkdir 201
chase@server1:~$ cd 201
chase@server1:~/201$ git clone https://github.com/Chase-Cooley/201Lab02.git
Cloning into '201Lab02'...
fatal: unable to access 'https://github.com/Chase-Cooley/201Lab02.git/': Could not resolve host: github
chase@server1:~/201$ git clone https://github.com/Chase-Cooley/201Lab02.git
Cloning into '201Lab02'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.
chase@server1:~/201$ _

```

Git clone

```

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  bash - 201Lab02
chase@server1:~/201/201Lab02$ xdg-open SampleFile.txt
Command 'xdg-open' not found, but can be installed with:
sudo apt install xdg-utils
chase@server1:~/201/201Lab02$ nano SampleFile.txt
chase@server1:~/201/201Lab02$ 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:   SampleFile.txt

no changes added to commit (use "git add" and/or "git commit -a")
chase@server1:~/201/201Lab02$

```

Git Add

```

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  bash - 201Lab02
no changes added to commit (use "git add" and/or "git commit -a")
chase@server1:~/201/201Lab02$ git add SampleFile.txt
chase@server1:~/201/201Lab02$ 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)
        modified:   SampleFile.txt

chase@server1:~/201/201Lab02$ git commit -m "Added 2 lines of text"
[main 2ade585] Added 2 lines of text
1 file changed, 2 insertions(+)
chase@server1:~/201/201Lab02$ git remote add origin https://github.com/Chase-Cooley/201Lab02.git
chase@server1:~/201/201Lab02$

```

Git Status

```
1 file changed, 2 insertions(+)
chase@server1:~/201/201Lab02$ git remote add origin https://github.com/Chase-Cooley/201Lab02.git
chase@server1:~/201/201Lab02$ git push -u origin master
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/Chase-Cooley/201Lab02.git'
chase@server1:~/201/201Lab02$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 350 bytes | 350.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Chase-Cooley/201Lab02.git
 6478936..2ade585  main -> main
chase@server1:~/201/201Lab02$
```

0

Ln 1, Col 1

Spaces: 4


UTF-8


LF


Plain Text







Git Commit / Git Push

 main ▾ 201Lab02 / SampleFile.txt Go to file ...

 Chase-Cooley Added 2 lines of text Latest commit 2ade585 14 minutes ago [History](#)

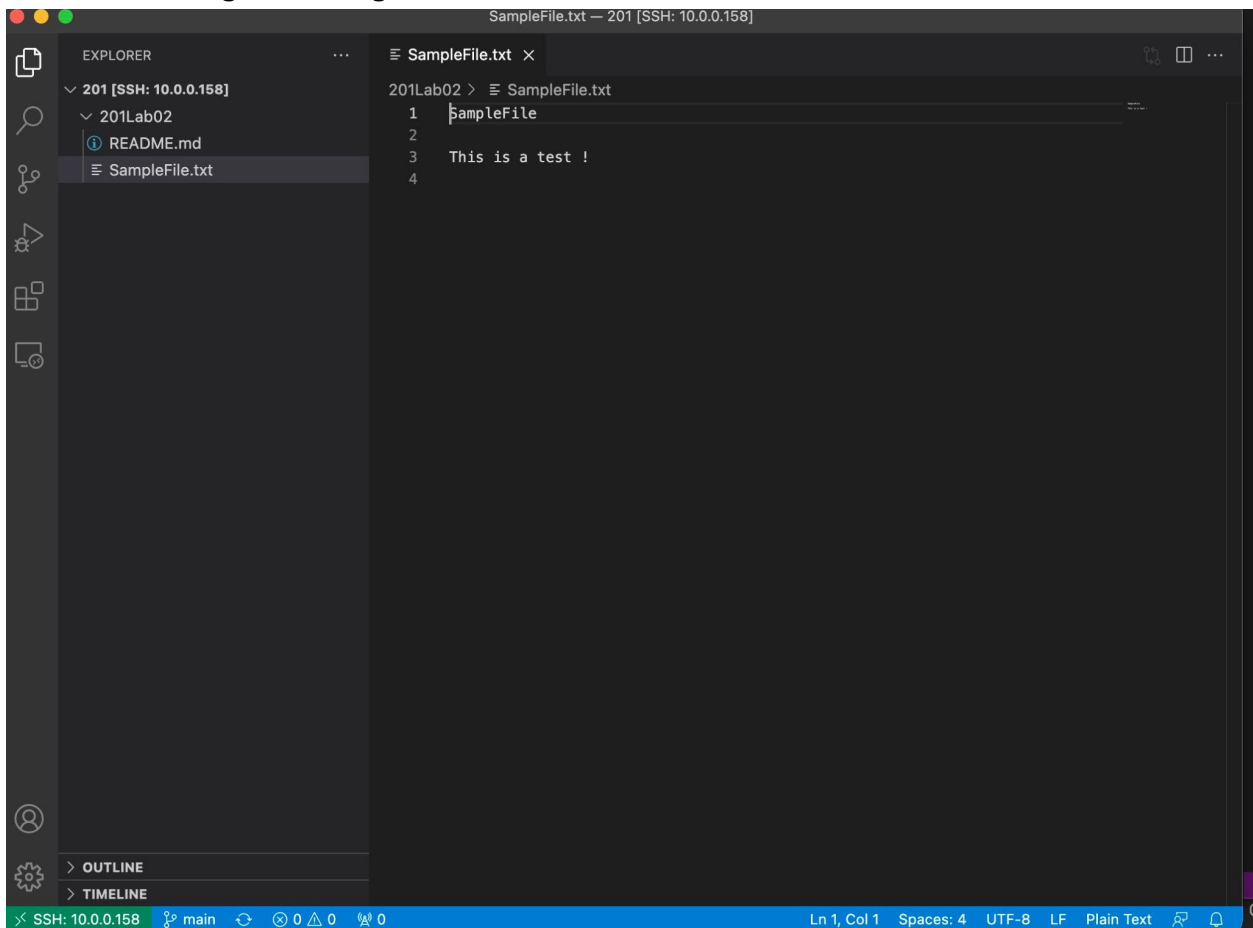
 1 contributor

5 lines (4 sloc) 95 Bytes Raw Blame    

```
1 SampleFile
2
3 This is a test !
4 This is a new line of text !
5 This is the 2nd new line of text !
```

Updated Github

Part 3 : Installing and Using VS Code IDE



SSH to access my dev VM

```
chase@server1:~$ nano HelloWorld
chase@server1:~$ ls
201 HelloWorld helloworld.sh helloworld.sh.save
chase@server1:~$ chmod +x HelloWorld
chase@server1:~$ ./HelloWorld
Hello World
chase@server1:~$
```

Hello World bash script from VS Code

