## CL-220 OPERATING SYSTEM-LAB

## Lab Task System Adminstration

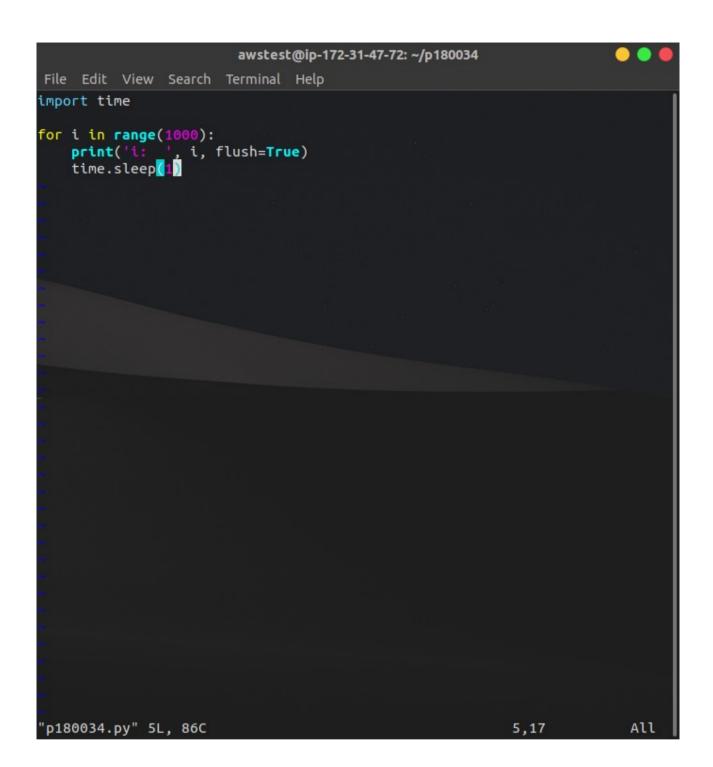
## SYED ASAD ZAMAN p18-0034

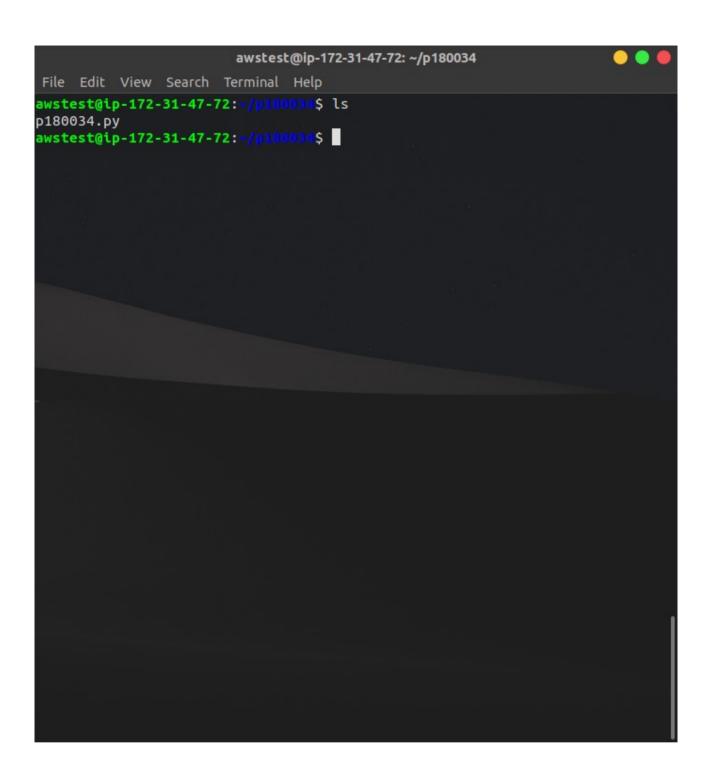
```
awstest@ip-172-31-47-72: ~
File Edit View Search Terminal Help
(base) A ssh awstest@ec2-3-17-39-235.us-east-2.compute.amazonaws.com
awstest@ec2-3-17-39-235.us-east-2.compute.amazonaws.com's password:
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-1057-aws x86 64)
 * Documentation: https://help.ubuntu.com
 * Management:
                  https://landscape.canonical.com
                  https://ubuntu.com/advantage
 * Support:
 System information as of Mon Apr 20 05:53:03 UTC 2020
 System load: 0.0
                                                       91
                                  Processes:
 Usage of /:
               30.0% of 7.69GB Users logged in:
                                                       0
 Memory usage: 21%
                                 IP address for eth0: 172.31.47.72
 Swap usage:
 * Kubernetes 1.18 GA is now available! See https://microk8s.io for docs or
  install it with:
    sudo snap install microk8s --channel=1.18 --classic

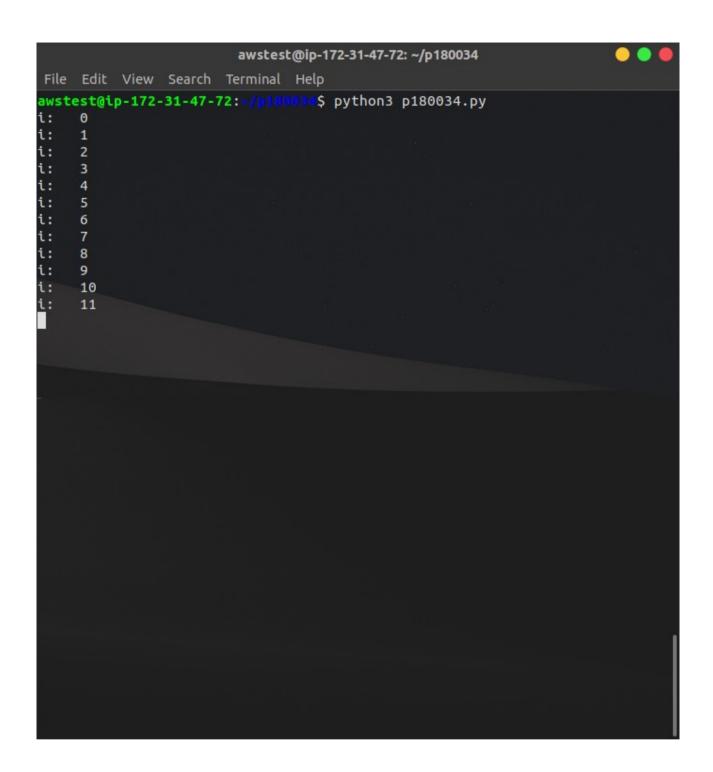
    Multipass 1.1 adds proxy support for developers behind enterprise

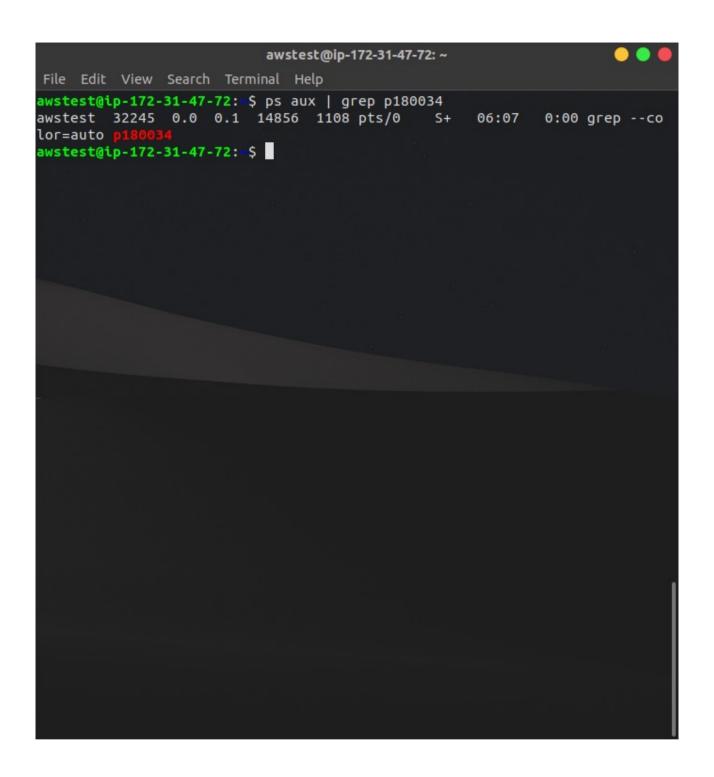
  firewalls. Rapid prototyping for cloud operations just got easier.
```



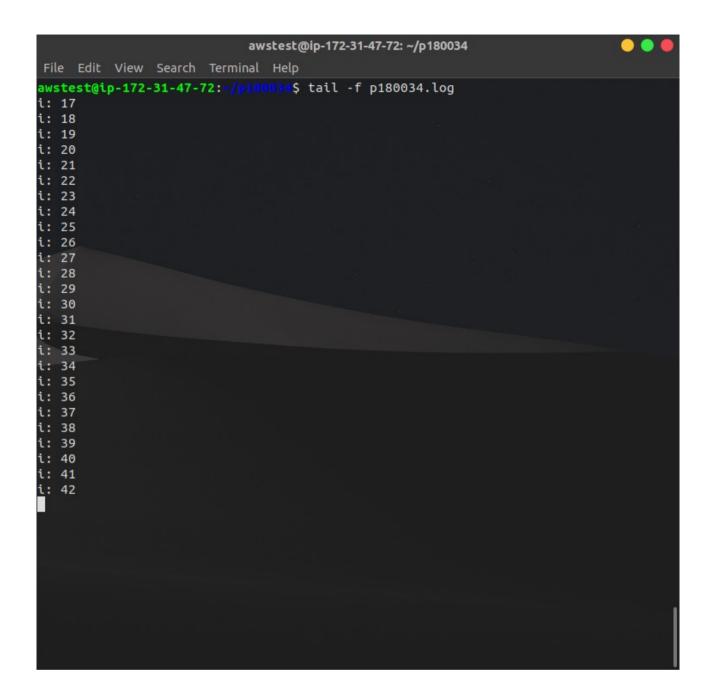


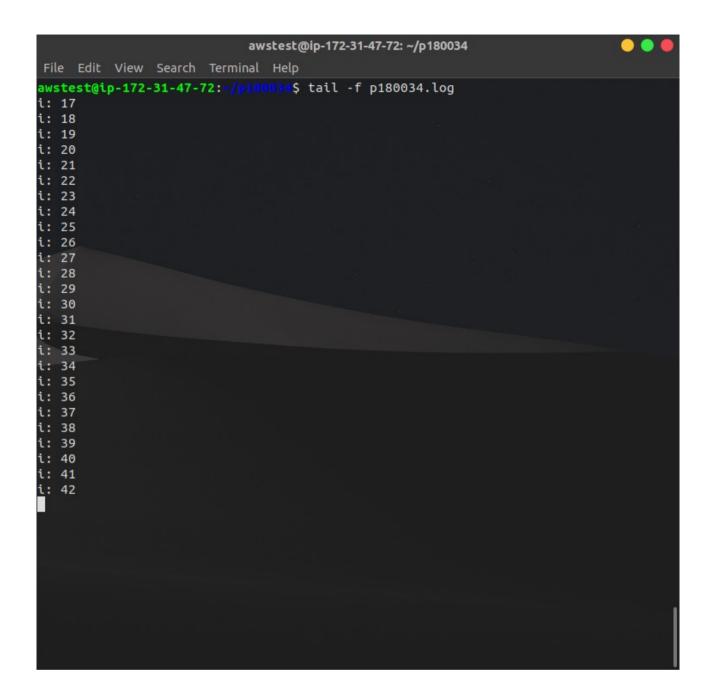


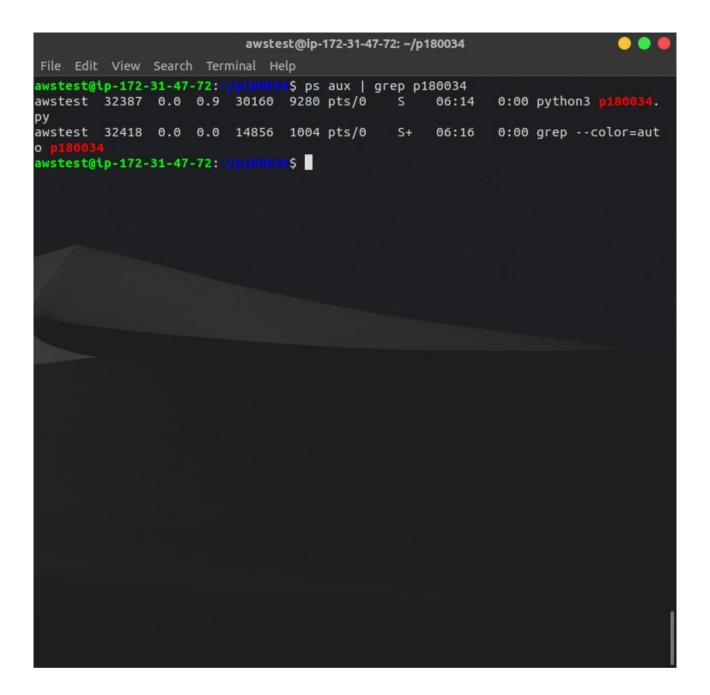




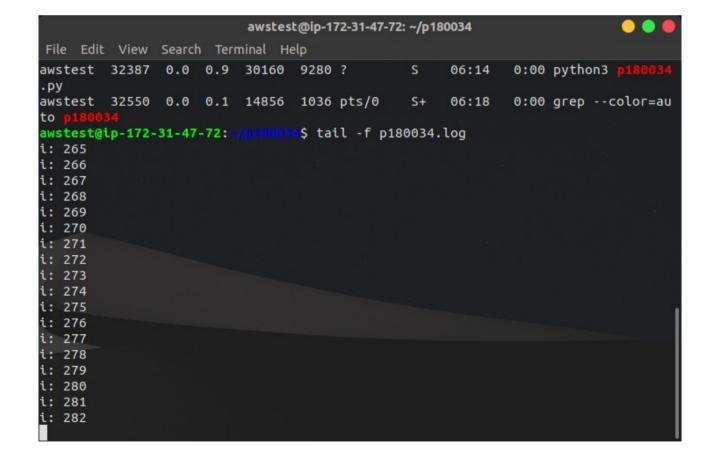
```
awstest@ip-172-31-47-72: ~/p180034
File Edit View Search Terminal Help
awstest@ip-172-31-47-72:-$ ps aux | grep p180034
awstest 32245 0.0 0.1 14856 1108 pts/0 S+ 06:07 0:00 grep --co
lor=auto p180034
awstest@ip-172-31-47-72:-$ cd p180034
awstest@ip-172-31-47-72:~/p180034$ ls
p180034.py
awstest@ip-172-31-47-72:-/p180034$ nohup python3 p180034.py > p180034.py &
[1] 32283
awstest@ip-172-31-47-72:=/p180034$ nohup: ignoring input and redirecting s
tderr to stdout
```







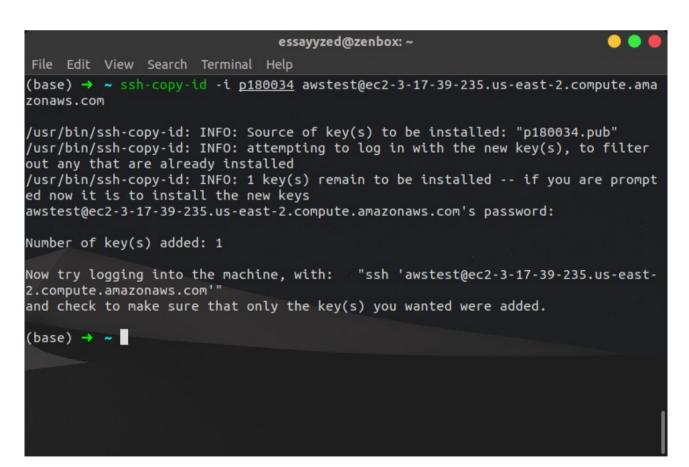
```
awstest@ip-172-31-47-72: ~/p180034
File Edit View Search Terminal Help
awstest@ip-172-31-47-72:-$ cd p180034
awstest@ip-172-31-47-72:~/p180034$ ls
p180034.log p180034.py
                        n10034$ ps aux | grep p180034
awstest@ip-172-31-47-72:
awstest 32387 0.0 0.9 30160 9280 ?
                                                         0:00 python3 p180034
                                          S
                                                 06:14
. py
awstest 32550 0.0 0.1 14856 1036 pts/0 S+ 06:18
                                                         0:00 grep --color=au
to
awstest@ip-172-31-47-72:-/p180034$
```



```
awstest@ip-172-31-47-72: ~/p180034
File Edit View Search Terminal Help
awstest@ip-172-31-47-72:-/p180034$ ps aux | grep p180034
                                                            0:00 python3 p18003
awstest 32387 0.0 0.9 30160 9280 ?
                                              S
                                                    06:14
. py
                                                            0:00 grep --color=au
awstest 32569 0.0 0.1 14856 1104 pts/0
                                                    06:19
                                              S+
awstest@ip-172-31-47-72:-/p10034
                                 $ kill -9 32387
awstest@ip-172-31-47-72:
                                 $ ps aux | grep p180034
awstest 32583 0.0 0.1 14856 1032 pts/0 S+ <u>06:20</u>
                                                            0:00 grep --color=au
to
awstest@ip-172-31-47-72:
                                 S
awstest@ip-172-31-47-72:
                                 5
awstest@ip-172-31-47-72:
                                 $
awstest@ip-172-31-47-72:
awstest@ip-172-31-47-72:
                                 $
awstest@ip-172-31-47-72:
awstest@ip-172-31-47-72:
                                 S
awstest@ip-172-31-47-72:
                                 $
awstest@ip-172-31-47-72:
                                 $
awstest@ip-172-31-47-72:
                                 $
awstest@ip-172-31-47-72:
                                 $
awstest@ip-172-31-47-72:
awstest@ip-172-31-47-72:
                                 $
awstest@ip-172-31-47-72:
                                 5
awstest@ip-172-31-47-72:
```

```
essayyzed@zenbox: ~
File Edit View Search Terminal Help
(base) → ~ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/essayyzed/.ssh/id rsa): p180034
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in p180034.
Your public key has been saved in p180034.pub.
The key fingerprint is:
SHA256:81dXpsYyF7mBgL0vVicL8020MxlEEMIypmYX0U8MldM essayyzed@zenbox
The key's randomart image is:
+---[RSA 2048]----+
       .*0=++.
      B B.E... .
     0 B . 0. + 0
     + . . + +.0*.
   o . S *o@B .
         00 0*0.
+----[SHA256]----+
(base) → ~
```

```
essavvzed@zenbox: ~
File Edit View Search Terminal Help
Enter same passphrase again:
Your identification has been saved in p180034.
Your public key has been saved in p180034.pub.
The key fingerprint is:
SHA256:81dXpsYyF7mBgL0vVicL8020MxlEEMIypmYX0U8MldM essayyzed@zenbox
The key's randomart image is:
+---[RSA 2048]----+
      .*0=++.
      B B.E... .
     o B . o. + o
     + . . + +.0*.
   o . S *o@B .
         00 0*0.
          ....0
+----[SHA256]----+
(base) → ~ ls
          examples.desktop NOT76b4xRy2A8nYsWvRP
          kite-installer
                             p180034
                             p180034.pub
(base) → ~
```



## awstest@ip-172-31-47-72: ~

File Edit View Search Terminal Help

(base)  $\rightarrow$  ~ ssh -i p180034 awstest@ec2-3-17-39-235.us-east-2.compute.amazonaws.c

OM

Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-1057-aws x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: <a href="https://landscape.canonical.com">https://landscape.canonical.com</a>
\* Support: <a href="https://ubuntu.com/advantage">https://ubuntu.com/advantage</a>

System information as of Mon Apr 20 06:28:43 UTC 2020

System load: 0.0 Processes: 93 Usage of /: 29.9% of 7.69GB Users logged in: 0

Memory usage: 23% IP address for eth0: 172.31.47.72

Swap usage: 0%

\* Kubernetes 1.18 GA is now available! See https://microk8s.io for docs or install it with:

sudo snap install microk8s --channel=1.18 --classic

\* Multipass 1.1 adds proxy support for developers behind enterprise firewalls. Rapid prototyping for cloud operations just got easier.

https://multipass.run/