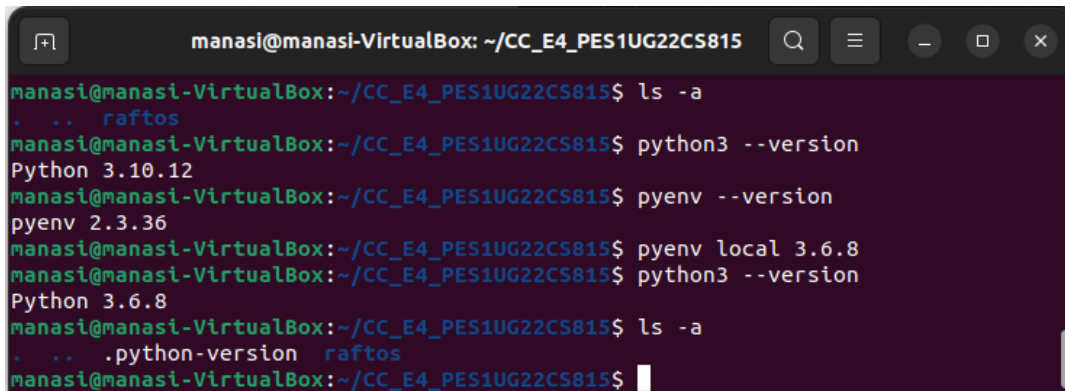


TASK 1

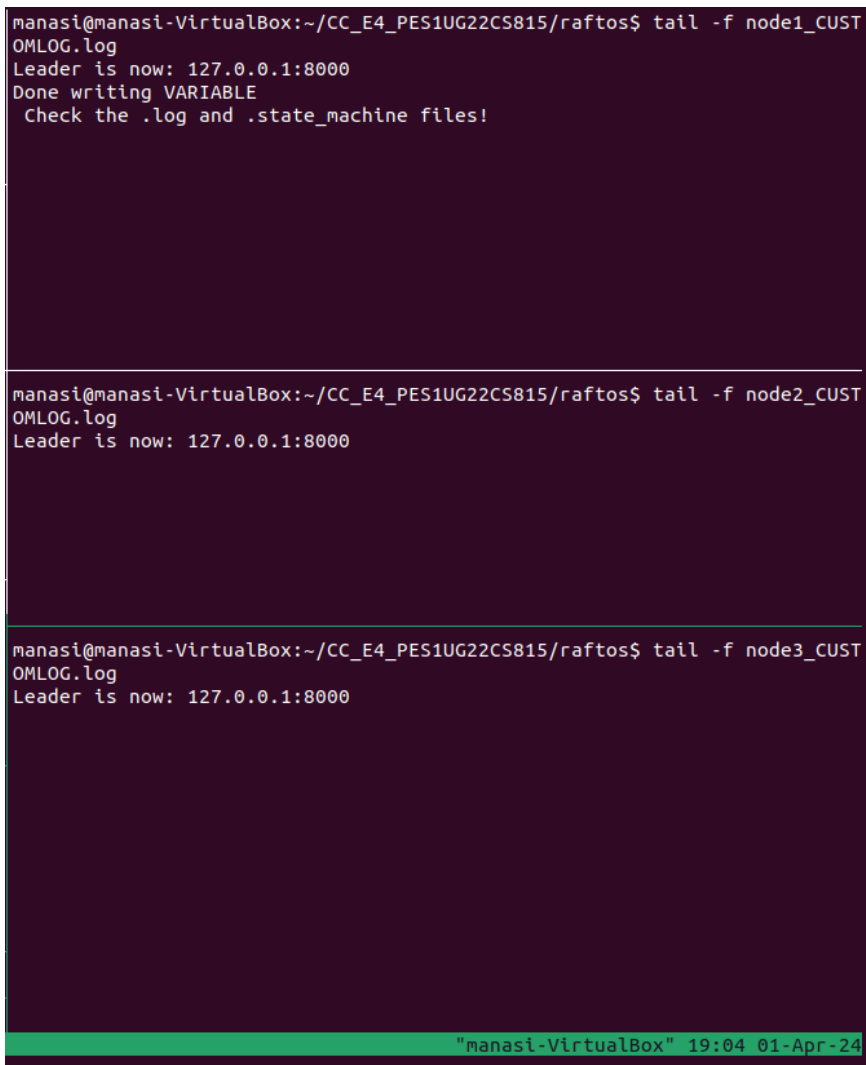
1a.



```
manasi@manasi-VirtualBox: ~/CC_E4_PES1UG22CS815
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815$ ls -a
.  ..  raftos
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815$ python3 --version
Python 3.10.12
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815$ pyenv --version
pyenv 2.3.36
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815$ pyenv local 3.6.8
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815$ python3 --version
Python 3.6.8
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815$ ls -a
.  ..  .python-version  raftos
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815$
```

TASK 2

2a.



```
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node1_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000
Done writing VARIABLE
Check the .log and .state_machine files!

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node2_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node3_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000

"manasi-VirtualBox" 19:04 01-Apr-24
```

2b

```
manasi@manasi-VirtualBox: ~/CC_E4_PES1UG22CS815/raftos
.py", line 1415, in _run_once
    event_list = self._selector.select(timeout)
    File "/home/manasi/.pyenv/versions/3.6.8/lib/python3.6/selectors.py", line
    445, in select
        fd_event_list = self._epoll.poll(timeout, max_ev)
KeyboardInterrupt
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ python node.py --node
2

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22C
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ python node.py --node
3

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22C
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/rafto
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

raftos$
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node1_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000
Done writing VARIABLE
Check the .log and .state_machine files!

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node2_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000
Leader is now: 127.0.0.1:8001
Done writing VARIABLE
Check the .log and .state_machine files!

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node3_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000
Leader is now: 127.0.0.1:8001

raftos$
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

[PES1UG22C0:~$] "manasi-VirtualBox" 19:14 01-Apr-24
```

2c

```
Activities Terminal Apr 1 19:15
manasi@manasi-VirtualBox: ~/CC_E4_PES1UG22CS815/raftos
File "/home/manasi/.pyenv/versions/3.6.8/lib/python3.6/selectors.py", line
445, in select
    fd_event_list = self._epoll.poll(timeout, max_ev)
KeyboardInterrupt
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ python node.py --node
1

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ python node.py --node
2

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22C
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ python node.py --node
3

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22C
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22C
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

raftos$
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/rafto
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

raftos$
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node1_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000
Done writing VARIABLE
Check the .log and .state_machine files!
tail: node1_CUSTOMLOG.log: file truncated
Leader is now: 127.0.0.1:8001

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node2_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000
Leader is now: 127.0.0.1:8001
Done writing VARIABLE
Check the .log and .state_machine files!

manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$ tail -f node3_CUST
OMLOG.log
Leader is now: 127.0.0.1:8000
Leader is now: 127.0.0.1:8001

raftos$
manasi@manasi-VirtualBox:~/CC_E4_PES1UG22CS815/raftos$

[PES1UG22C0:~$] "manasi-VirtualBox" 19:15 01-Apr-24
```