CLOUD COMPUTING LAB EXPERIMENT – 4

NAME: Sanmat Sanjayakumar Payagoudar

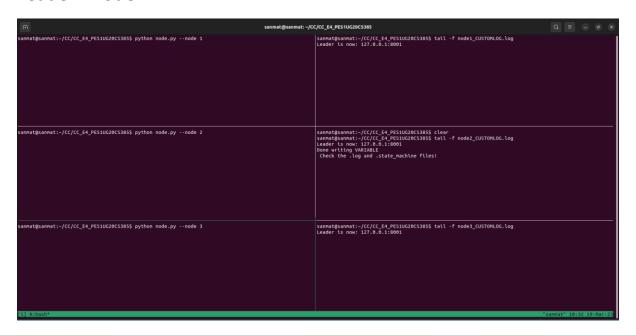
SRN: PES1UG20CS385

SECTION: G

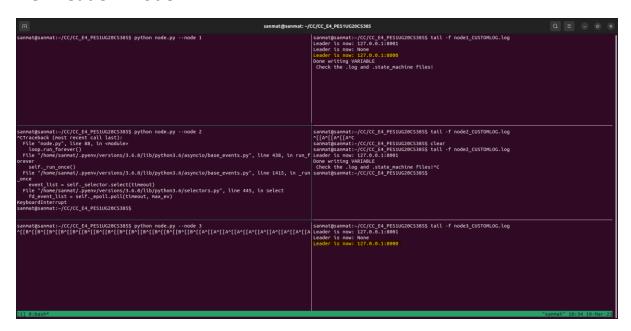
1a: Pyenv installed and local Python version changed to 3.6.8.

```
node.py
                                                          setup.py
                    .python-version README.md
      LICENSE
                                                          start_terminals.sh
docs MANIFEST.in raftos
                                      requirements.txt tests
sanmat@sanmat:~/CC/CC_E4_PES1UG20CS385$ python -V
sanmat@sanmat:~/CC/CC_E4_PES1UG20CS385$ pyenv versions
  system
  3.6.8
 3.7.2
 3.8-dev
 3.11.2 (set by /home/sanmat/CC/CC_E4_PES1UG20CS385/.python-version)
sanmat@sanmat:~/CC/CC_E4_PES1UG20CS385$ pyenv local 3.6.8
sanmat@sanmat:~/CC/CC_E4_PES1UG20CS385$ python -V
Python 3.6.8
sanmat@sanmat:~/CC/CC_E4_PES1UG20CS385$ la -a
                   node.py
                                                          setup.py
      LICENSE
                    .python-version README.md
                                                          start_terminals.sh
docs MANIFEST.in raftos
                                      requirements.txt tests
sanmat@sanmat:~/CC/CC_E4_PES1UG20CS385$
```

2a: Initial leader election has occurred, and first value has replicated. Leader: node 2.



2b: Leader crashed, new leader elected, and second value replicated. New leader: node 1.



2c: Old leader comes back online, but becomes a follower instead and updates its old state to its new state.

node 2 comes back online, but becomes a follower instead.

