```
sinchana@LAPTOP-K061EF1I:~$ pyenv install 3.6.8
Downloading Python-3.6.8.tar.xz...
-> https://www.python.org/ftp/python/3.6.8/Python-3.6.8.tar.xz
Installing Python-3.6.8...
/home/sinchana/.pyenv/plugins/python-build/bin/python-build: line 1863: 18755 Segmentation fault      "$PYTHON_BIN" -c "import $1"
WARNING: The Python ctypes extension was not compiled. Missing the libffi lib?
Traceback (most recent call last):
  File "<string>", line 1, in <module>
  File "/home/sinchana/.pyenv/versions/3.6.8/lib/python3.6/lzma.py", line 27, in <module>
    from _lzma import *
ModuleNotFoundError: No module named '_lzma'
WARNING: The Python lzma extension was not compiled. Missing the lzma lib?
/home/sinchana/.pyenv/plugins/python-build/bin/python-build: line 2084: 18764 Segmentation fault      "$PYTHON_BIN" $python_opts -m ensurepip ${ensurepip_op
ts} > /dev/null 2>&1
Installing pip from https://bootstrap.pypa.io/pip/3.6/get-pip.py...
curl: (28) Failed to connect to bootstrap.pypa.io port 443 after 134791 ms: Connection timed out
Installed Python-3.6.8 to /home/sinchana/.pyenv/versions/3.6.8
sinchana@LAPTOP-K061EF1I:~$
```

```
sinchana@LAPTOP-K061EF1I:~$ cd /mnt/c/Users/SINCHANA\ S/OneDrive/Desktop/SIXTH\ SEM/CC/CC_E4/PES1UG21CS596
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ ls -a
.  ..  raftos
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ python -V
```
,

```
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ pyenv versions
* system (set by /home/sinchana/.pyenv/version)
  3.6.8
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$
```

```
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ pyenv local 3.6.8
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ python -V
Python 3.6.8
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ ls -a
.  ..  .python-version  raftos
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$
```

File   Edit   View
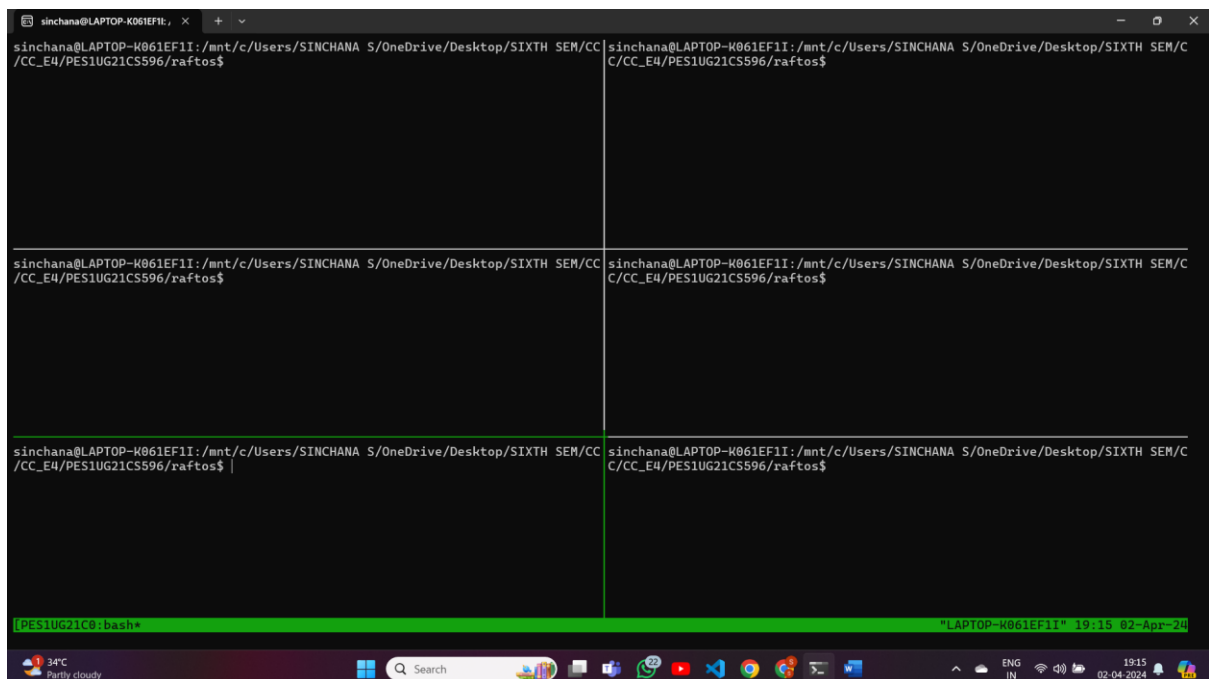
```
cryptography==3.3
msgpack-python==0.4.8
```

```
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ pyenv versio
  system
* 3.6.8 (set by /mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596/.python-version)
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ pip install
Collecting setuptools
  Downloading setuptools-59.6.0-py3-none-any.whl (952 kB)
     |████████████████████████████████| 952 kB 775 kB/s
Installing collected packages: setuptools
  Attempting uninstall: setuptools
    Found existing installation: setuptools 40.6.2
    Uninstalling setuptools-40.6.2:
      Successfully uninstalled setuptools-40.6.2
Successfully installed setuptools-59.6.0
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596$ |
```

```
WARNING: Discarding https://files.pythonhosted.org/packages/af/98/c4c3bfe11ec19f9178b4db6888f3d765e98603f48352842a7f22c6de1f0
ha256=69aa1eb0e13be1d3bd495ca937eae66df4431126f5cfd5491dc40370e5644853 (from https://pypi.org/simple/msgpack-python/). Comman
-11: python setup.py egg_info Check the logs for full command output.
  Downloading msgpack_python-0.5.0-py3-none-any.whl (2.3 kB)
Collecting cffi>=1.12
  Downloading cffi-1.15.1-cp36-cp36m-manylinux_2_5_x86_64.manylinux1_x86_64.whl (402 kB)
     |████████████████████████████████| 402 kB 2.4 MB/s
Collecting six>=1.4.1
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Collecting msgpack>=0.5
  Downloading msgpack-1.0.5-cp36-cp36m-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (300 kB)
     |████████████████████████████████| 300 kB 1.7 MB/s
Collecting pycparser
  Downloading pycparser-2.21-py2.py3-none-any.whl (118 kB)
     |████████████████████████████████| 118 kB 3.4 MB/s
Installing collected packages: pycparser, six, msgpack, cffi, msgpack-python, cryptography
Successfully installed cffi-1.15.1 cryptography-3.3 msgpack-1.0.5 msgpack-python-0.5.0 pycparser-2.21 six-1.16.0
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC/CC_E4/PES1UG21CS596/raftos$
```

```
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC    sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 1                             C/CC_E4/PES1UG21CS596/raftos$ tail -f node1_CUSTOMLOG.log
                                                                                 Leader is now: 127.0.0.1:8001




sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC    sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 2                             C/CC_E4/PES1UG21CS596/raftos$ tail -f node2_CUSTOMLOG.log
                                                                                 Leader is now: 127.0.0.1:8001
                                                                                 Done writing VARIABLE
                                                                                  Check the .log and .state_machine files!




sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC    sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 3                             C/CC_E4/PES1UG21CS596/raftos$ tail -f node3_CUSTOMLOG.log
                                                                                 Leader is now: 127.0.0.1:8001


[PES1UG21C0:bash*                                                                              "LAPTOP-K061EF1I" 19:22 02-Apr-24
```

File   Edit   View

{"term": 6, "command": {"VARIABLE": "PES1UG21CS596"}}

File   Edit   View

{"VARIABLE": "PES1UG21CS596"}

File   Edit   View

{"term": 6, "command": {"VARIABLE": "PES1UG21CS596"}}

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 1

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
C/CC_E4/PES1UG21CS596/raftos$ tail -f node1_CUSTOMLOG.log
Leader is now: 127.0.0.1:8001
Leader is now: 127.0.0.1:8000
Done writing VARIABLE
 Check the .log and .state_machine files!

  File "/home/sinchana/.pyenv/versions/3.6.8/lib/python3.6/asyncio/base_events
.py", line 438, in run_forever
    self._run_once()
  File "/home/sinchana/.pyenv/versions/3.6.8/lib/python3.6/asyncio/base_events
.py", line 1415, in _run_once
    event_list = self._selector.select(timeout)
  File "/home/sinchana/.pyenv/versions/3.6.8/lib/python3.6/selectors.py", line
 445, in select
    fd_event_list = self._epoll.poll(timeout, max_ev)
KeyboardInterrupt
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC
/CC_E4/PES1UG21CS596/raftos$ |

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
C/CC_E4/PES1UG21CS596/raftos$ tail -f node2_CUSTOMLOG.log
Leader is now: 127.0.0.1:8001
Done writing VARIABLE
 Check the .log and .state_machine files!

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 3

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
C/CC_E4/PES1UG21CS596/raftos$ tail -f node3_CUSTOMLOG.log
Leader is now: 127.0.0.1:8001
Leader is now: 127.0.0.1:8000

[PES1UG21C0:bash*   "LAPTOP-K061EF1I" 19:58 02-Apr-24

---

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 1

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
C/CC_E4/PES1UG21CS596/raftos$ tail -f node1_CUSTOMLOG.log
Leader is now: 127.0.0.1:8001
Leader is now: 127.0.0.1:8000
Done writing VARIABLE
 Check the .log and .state_machine files!

.py", line 438, in run_forever
    self._run_once()
  File "/home/sinchana/.pyenv/versions/3.6.8/lib/python3.6/asyncio/base_events
.py", line 1415, in _run_once
    event_list = self._selector.select(timeout)
  File "/home/sinchana/.pyenv/versions/3.6.8/lib/python3.6/selectors.py", line
 445, in select
    fd_event_list = self._epoll.poll(timeout, max_ev)
KeyboardInterrupt
sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 2
|

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/CC
/CC_E4/PES1UG21CS596/raftos$ python node.py --node 3

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
C/CC_E4/PES1UG21CS596/raftos$ tail -f node2_CUSTOMLOG.log
Leader is now: 127.0.0.1:8001
Done writing VARIABLE
 Check the .log and .state_machine files!tail: node2_CUSTOMLOG.log: file trun
cated
Leader is now: 127.0.0.1:8000

sinchana@LAPTOP-K061EF1I:/mnt/c/Users/SINCHANA S/OneDrive/Desktop/SIXTH SEM/C
C/CC_E4/PES1UG21CS596/raftos$ tail -f node3_CUSTOMLOG.log
Leader is now: 127.0.0.1:8001
Leader is now: 127.0.0.1:8000

[PES1UG21C0:bash*   "LAPTOP-K061EF1I" 20:00 02-Apr-24