# **Assignment 10**

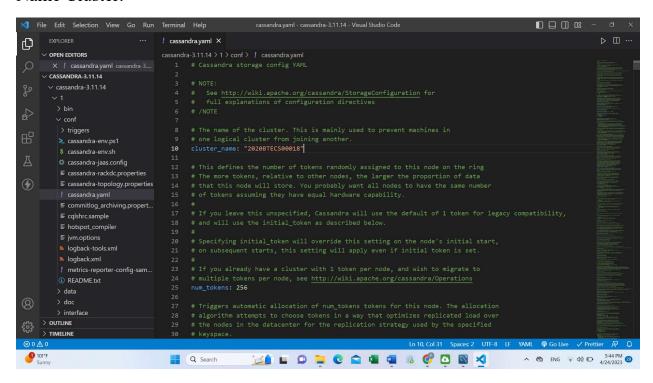
# **Advanced Database System Lab**

Name: Prajakta Sandeep Chavan.

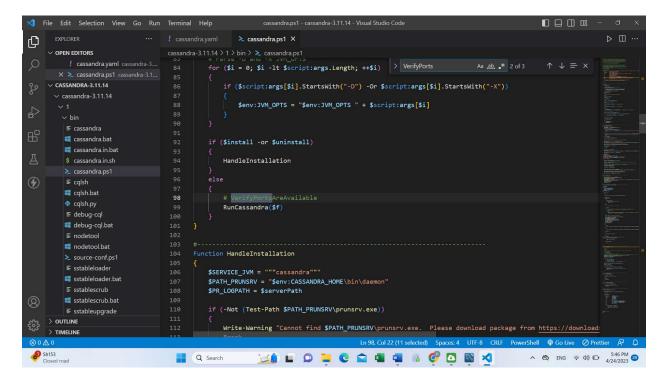
PRN: 2020BTECS00018.

Batch: T1.

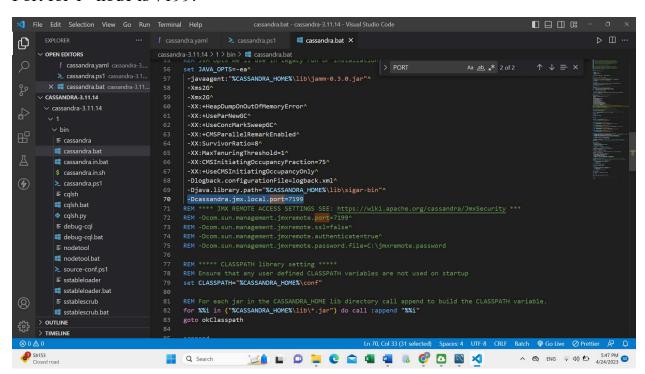
#### Name Cluster:



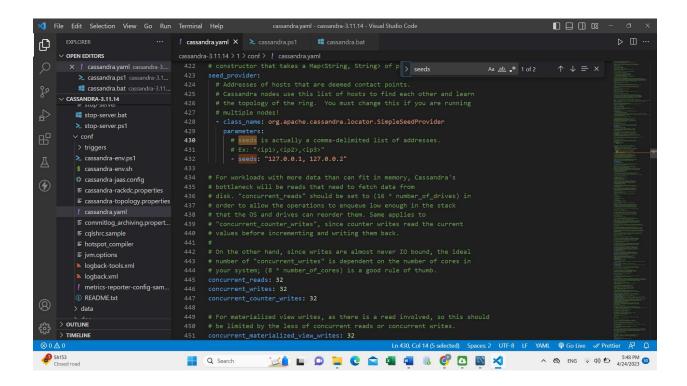
Comment VerifyPortsAreAvailable:



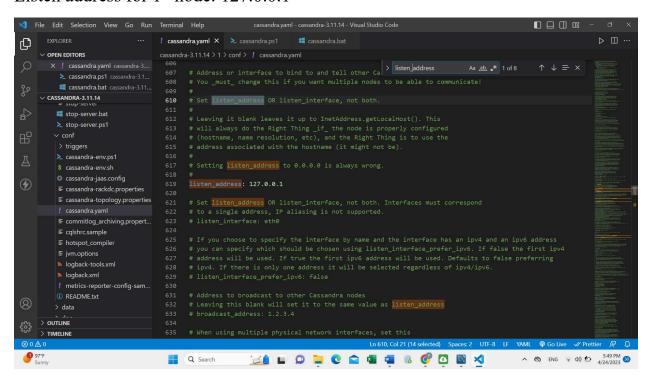
### Port for 1<sup>st</sup> node is 7199:



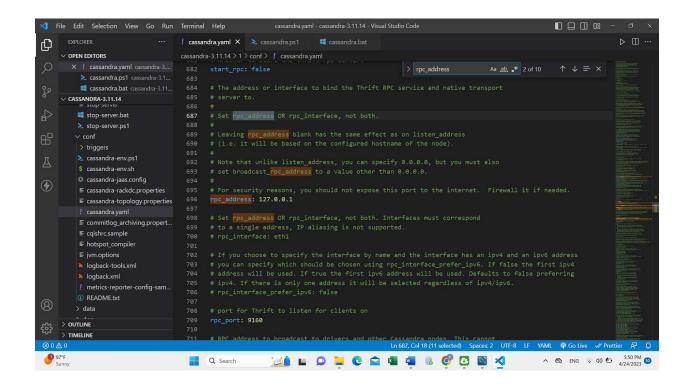
Seeds: 127.0.0.1, 127.0.0.2



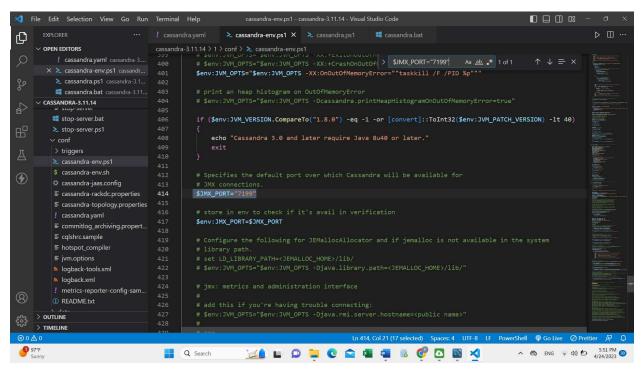
Listen address for 1st node: 127.0.0.1



Rpc address of 1st node: 127.0.0.1



# \$JMX\_PORT="7199"



Make some changes in the other 2 nodes.

Just following are node-specific changes.

2<sup>nd</sup> node:

Port for 2<sup>nd</sup> node is 7299:

Listen address for 2<sup>nd</sup> node: 127.0.0.2

Rpc address of 2<sup>nd</sup> node: 127.0.0.2

\$JMX\_PORT="7299"

3<sup>rd</sup> node:

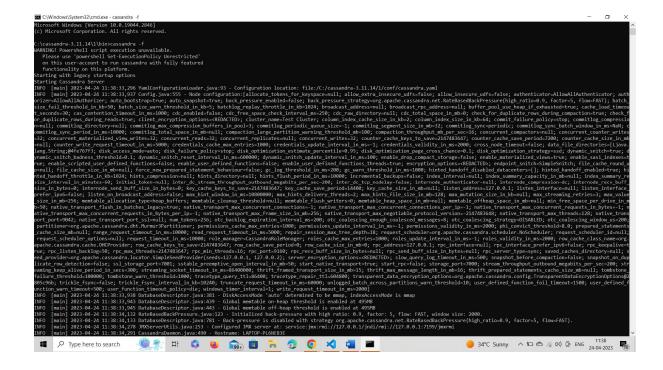
Port for 3<sup>rd</sup> node is 7399:

Listen address for 3<sup>rd</sup> node: 127.0.0.3

Rpc address of 3<sup>rd</sup> node: 127.0.0.3

\$JMX\_PORT="7399"

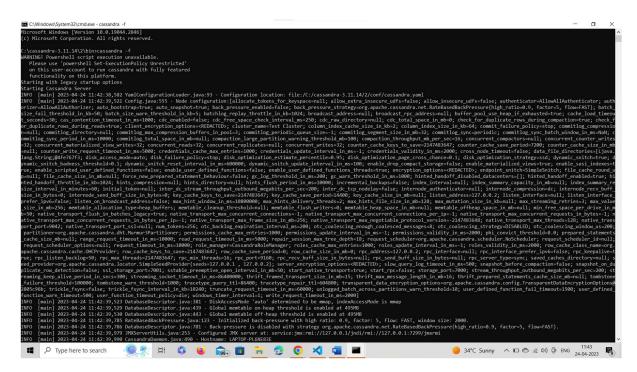
Starting node 1:



### Node 1 started



# Starting node 2:



## Node 2 started:

```
INFO [main] 2023-04-24 11:47:11,232 QueryProcessor.java:174 - Preloaded 0 prepared statements
INFO [main] 2023-04-24 11:47:11,235 StorageService.java:699 - Cassandra version: 3.11.14
INFO [main] 2023-04-24 11:47:11,235 StorageService.java:700 - Thrift API version: 20.1.0
INFO [main] 2023-04-24 11:47:11,246 StorageService.java:701 - CQL supported versions: 3.4.4 (default: 3.4.4)
INFO [main] 2023-04-24 11:47:11,247 StorageService.java:703 - Native protocol supported versions: 3/v3, 4/v4, 5/v5-beta (default: 4/v4)
INFO [main] 2023-04-24 11:47:11,321 IndexSummaryManager.java:87 - Initializing index summary manager with a memory pool size of 99 MB and a resize interval of 60 minutes
INFO [main] 2023-04-24 11:47:11,697 OutboundTcpConnection.java:108 - OutboundTcpConnection using coalescing strategy DISABLED
INFO [MANDSHAKE-/127.0.0.1] 2023-04-24 11:47:11,722 OutboundTcpConnection.java:561 - Handshaking version with /127.0.0.1
```

#### Node 3 started:

```
INFO [main] 2023-04-24 12:19:40,769 StorageService.java:1568 - JOINING: Finish joining ring
INFO [main] 2023-04-24 12:19:40,864 Gossiper.java:1869 - Waiting for gossip to settle...
INFO [main] 2023-04-24 12:19:48,866 Gossiper.java:1900 - No gossip backlog; proceeding
INFO [main] 2023-04-24 12:19:49,125 NativeTransportService.java:73 - Netty using Java NIO event loop
INFO [main] 2023-04-24 12:19:49,217 Server.java:158 - Using Netty Version: [netty-buffer=netty-buffer-4.0.44.Final.45281
12a, netty-codec=netty-codec-4.0.44.Final.452812a, netty-codec-haproxy-enetty-codec-haproxy-4.0.44.Final.452812a, netty-codec-http=netty-codec-http-4.0.44.Final.452812a, netty-codec-socks=netty-codec-socks-4.0.44.Final.452812a, netty-tcnative=netty-tcnative=netty-tcnative=netty-tcnative=netty-tcnative-1.1.
3.Fork26.142ecbb, netty-transport=netty-transport-4.0.44.Final.452812a, netty-transport-native-epoll=netty-transport-sctp=nety-transport-sctp=nety-transport-sctp-4.0.44.Final.452812a, netty-transport-sctp=nety-transport-sctp-4.0.44.Final.452812a, netty-transport-sctp=nety-transport-sctp-4.0.44.Final.452812a, netty-transport-sctp=nety-transport-sctp-4.0.44.Final.452812a]
INFO [main] 2023-04-24 12:19:49,218 Server.java:159 - Starting listening for CQL clients on /127.0.0.3:9042 (unencryptof)...
INFO [main] 2023-04-24 12:19:49,415 CassandraDaemon.java:564 - Not starting RPC server as requested. Use JMX (StorageSorvice->startRPCServer()) or nodetool (enablethrift) to start it
INFO [main] 2023-04-24 12:19:49,415 CassandraDaemon.java:650 - Startup complete
```

#### 3 Node cluster formed:

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