#### UE20CS351-CC ASSIGNMENT-4

NAME	SRN	CLASS & SECTION
VIJAY J	PES2UG20CS815	6 - J

### 1a: Screenshot of Zookeeper Server having started

### 2a: Screenshot of Listing of the created ZNodes

```
WATCHER::

WatchedEvent state:SyncConnected type:None path:null
[zk: localhost:2181(CONNECTED) 0] create -s /PES2UG20CS815_seq

Created /PES2UG20CS815_seq00000000000
[zk: localhost:2181(CONNECTED) 1] create -e /PES2UG20CS815_eph

Created /PES2UG20CS815_eph
[zk: localhost:2181(CONNECTED) 2] ls /
[PES2UG20CS815_eph, PES2UG20CS815_seq0000000000, zookeeper]
[zk: localhost:2181(CONNECTED) 3]
```

## 2b: Screenshot of Listing of the deleted ephemeral node

```
WATCHER::

WatchedEvent state:SyncConnected type:None path:null

[zk: localhost:2181(CONNECTED) 0] ls /

[PES2UG20CS815_seq0000000000, zookeeper]

[zk: localhost:2181(CONNECTED) 1]
```

# 2c: Screenshot of Data and Metadata associated with the created sequential Znode

```
[zk: localhost:2181(CONNECTED) 2] get -s /PES2UG20CS815_seq0000000000
null
cZxid = 0x4
ctime = Tue Mar 28 06:04:43 IST 2023
mZxid = 0x4
mtime = Tue Mar 28 06:04:43 IST 2023
pZxid = 0x4
cversion = Tue Mar 28 06:04:43 IST 2023
pZxid = 0x4
cversion = 0
dataVersion = 0
aclVersion = 0
ephemeralOwner = 0x0
dataLength = 0
numChildren = 0
[zk: localhost:2181(CONNECTED) 3]
```

### 2d: Screenshot of Listing of all the children nodes

```
WATCHER::

WatchedEvent state:SyncConnected type:None path:null

[zk: localhost:2181(CONNECTED) 0] create /PES2UG20CS815

Created /PES2UG20CS815

[zk: localhost:2181(CONNECTED) 1] create /PES2UG20CS815/J

Created /PES2UG20CS815/J

[zk: localhost:2181(CONNECTED) 2] create /PES2UG20CS815/VIJAY

Created /PES2UG20CS815/VIJAY

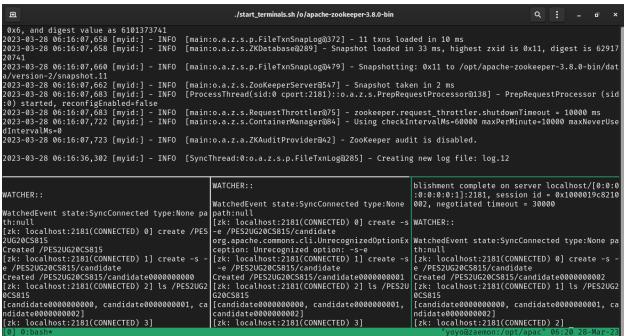
Created /PES2UG20CS815/VIJAY

[zk: localhost:2181(CONNECTED) 3] ls /PES2UG20CS815

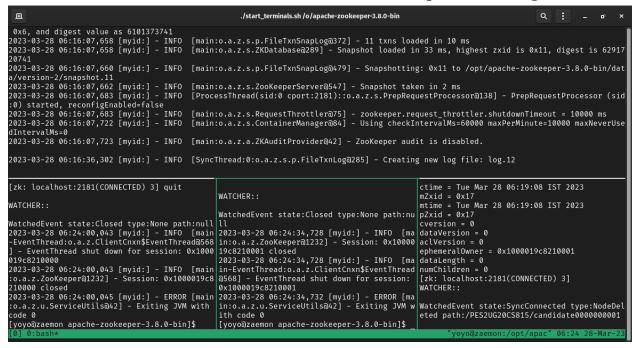
[J, VIJAY]

[zk: localhost:2181(CONNECTED) 4]
```

### **3a:** Screenshot of each of the clients listing all the znodes



#### 3b: Screenshot of the Watched Event and the Zookeeper Server logs



# 3c: Screenshot of the old leader coming back and having a new sequence number

