

Practical-06

Name: Vedant Murai

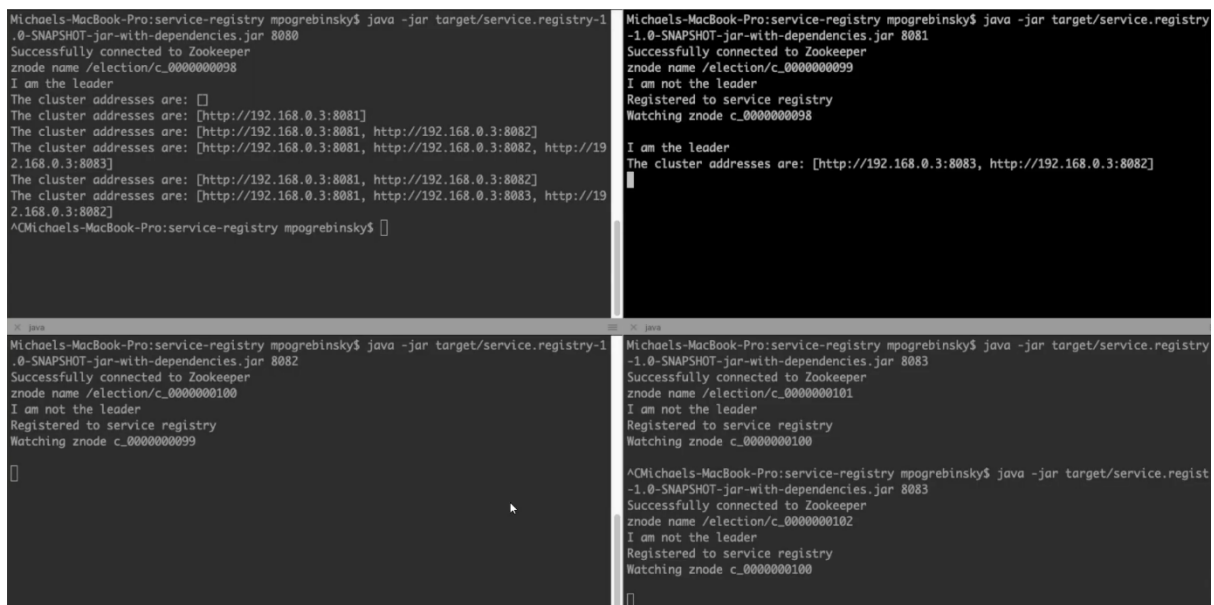
Subject: Distributed Systems.

Roll no: 64

Branch: CSE (Data Science).

Aim: Cluster Management, Service Registration and Service Discovery using Apache Zookeeper.

Output:



```
Michael-MacBook-Pro:service-registry mpogrebinsky$ java -jar target/service-registry-1.0-SNAPSHOT-jar-with-dependencies.jar 8080
Successfully connected to Zookeeper
znode name /election/c_0000000098
I am the leader
The cluster addresses are: []
The cluster addresses are: [http://192.168.0.3:8081]
The cluster addresses are: [http://192.168.0.3:8081, http://192.168.0.3:8082]
The cluster addresses are: [http://192.168.0.3:8081, http://192.168.0.3:8082, http://192.168.0.3:8083]
The cluster addresses are: [http://192.168.0.3:8081, http://192.168.0.3:8082]
The cluster addresses are: [http://192.168.0.3:8081, http://192.168.0.3:8083, http://192.168.0.3:8082]
^CMichael-MacBook-Pro:service-registry mpogrebinsky$

Michael-MacBook-Pro:service-registry mpogrebinsky$ java -jar target/service-registry-1.0-SNAPSHOT-jar-with-dependencies.jar 8081
Successfully connected to Zookeeper
znode name /election/c_0000000099
I am not the leader
Registered to service registry
Watching znode c_0000000098
I am the leader
The cluster addresses are: [http://192.168.0.3:8083, http://192.168.0.3:8082]

Michael-MacBook-Pro:service-registry mpogrebinsky$ java -jar target/service-registry-1.0-SNAPSHOT-jar-with-dependencies.jar 8082
Successfully connected to Zookeeper
znode name /election/c_0000000100
I am not the leader
Registered to service registry
Watching znode c_0000000099

Michael-MacBook-Pro:service-registry mpogrebinsky$ java -jar target/service-registry-1.0-SNAPSHOT-jar-with-dependencies.jar 8083
Successfully connected to Zookeeper
znode name /election/c_0000000101
I am not the leader
Registered to service registry
Watching znode c_0000000100
^CMichael-MacBook-Pro:service-registry mpogrebinsky$ java -jar target/service-registry-1.0-SNAPSHOT-jar-with-dependencies.jar 8083
Successfully connected to Zookeeper
znode name /election/c_0000000102
I am not the leader
Registered to service registry
Watching znode c_0000000100
```