Exercise-6: Installation of Hadoop in Ubuntu System

Download and configure Hadoop

Once hadoop user is created, it is switched to this user.

```
shruthimohan@EDITH:~$ su - hadoop
Password:
hadoop@EDITH:~$
```

- Start the SSH server manually in WSL.
 - sudo service ssh start
 - 2. ssh localhost

·Start the Hadoop Cluster: start-all.sh

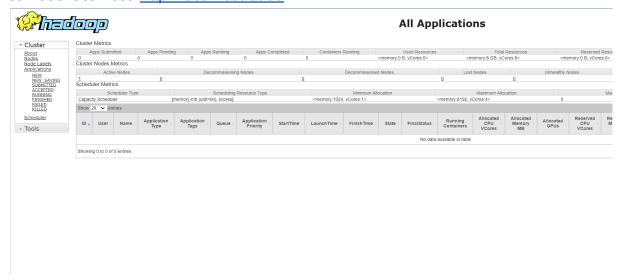
```
hadoop@EDITH:~$ start-all.sh
WARNING: Attempting to start all Apache Hadoop daemons as hadoop in 10 seconds.
WARNING: This is not a recommended production deployment configuration.
WARNING: Use CTRL-C to abort.
Starting namenodes on [0.0.0.0]
Starting datanodes
Starting secondary namenodes [EDITH]
Starting resourcemanager
Starting nodemanagers
hadoop@EDITH:~$ |
```

•To confirm that all necessary Hadoop services are up and running, check their status using the 'jps' command

```
hadoop@EDITH:~$ jps
8228 SecondaryNameNode
8966 Jps
8441 ResourceManager
7993 DataNode
8569 NodeManager
7868 NameNode
```

- •Access the Hadoop Namenode: http://192.168.1.6:9870/
- Access the Resource Manager: http://192.168.1.6:8088/

•If you're working on a single-node Hadoop setup (pseudo-distributed mode), you can use localhost: http://localhost:8088



Stop Hadoop Services: stop-all.sh

```
hadoop@EDITH:~$ stop-all.sh
WARNING: Stopping all Apache Hadoop daemons as hadoop in 10 seconds.
WARNING: Use CTRL-C to abort.
Stopping namenodes on [0.0.0.0]
Stopping datanodes
Stopping secondary namenodes [EDITH]
Stopping nodemanagers
Stopping resourcemanager
```