Ex.No -1 Roll No - 210701161

Install, configure and run Hadoop and HDFS

AIM:

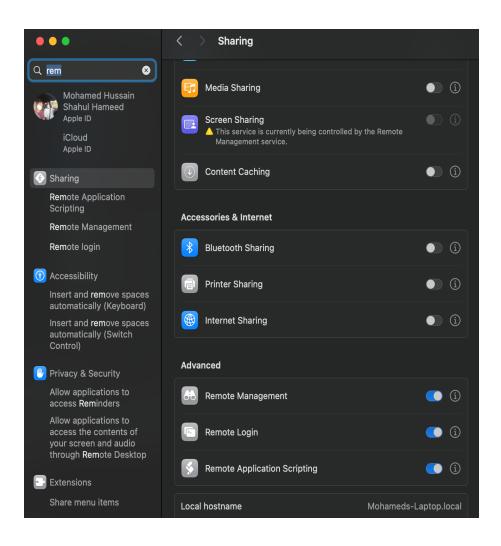
To install, configure and run Hadoop and HDFS on system.

PROCEDURE:

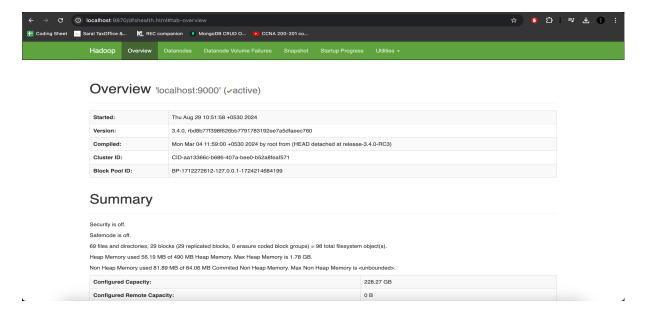
- 1. InstallJDK8andsetpathintheenvironmentvariables.
- 2. Enable SSH for Local Host.
- 3. Download Hadoop and configure the Hadoop-env.sh file.
- 4. Set the path of Hadoop in the variables for global access.
- 5. Set the Java Path inside Hadoop.
- 6. Configure the core-site.xml, mapred-site.xml, hdfs-site.xml, yarn- site.xml
- 7. StartHadoopusingstart-all.sh command.
- 8. Open the browser and go to the URL localhost:9870 and verify that Hadoop has been installed correctly.

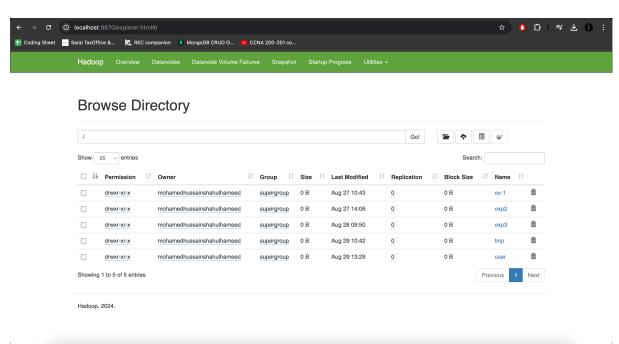
OUTPUT:

[mohamedhussainshahulhameed@Mohameds-Laptop ~ % echo \$JAVA_HOME
/Library/Java/JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home
mohamedhussainshahulhameed@Mohameds-Laptop ~ %



```
[mohamedhussainshahulhameed@Mohameds-Laptop ~ % jps
79619 Jps
75348 ResourceManager
75526 NodeManager
75014 DataNode
75151 SecondaryNameNode
74831 NameNode
52430 RunJar
```





RESULT:

Thus to Install, configure and run Hadoop and HDFS has been successfully completed.