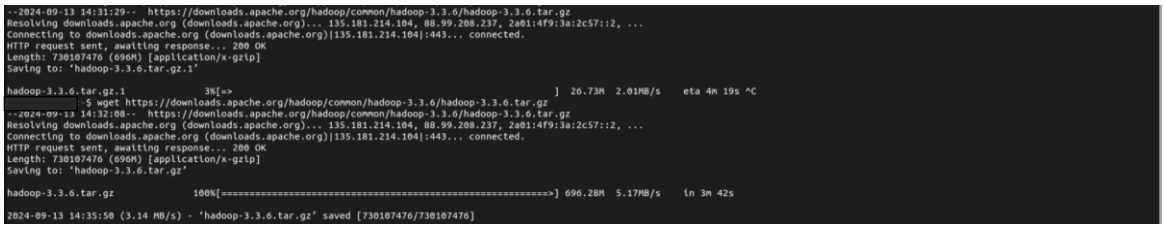
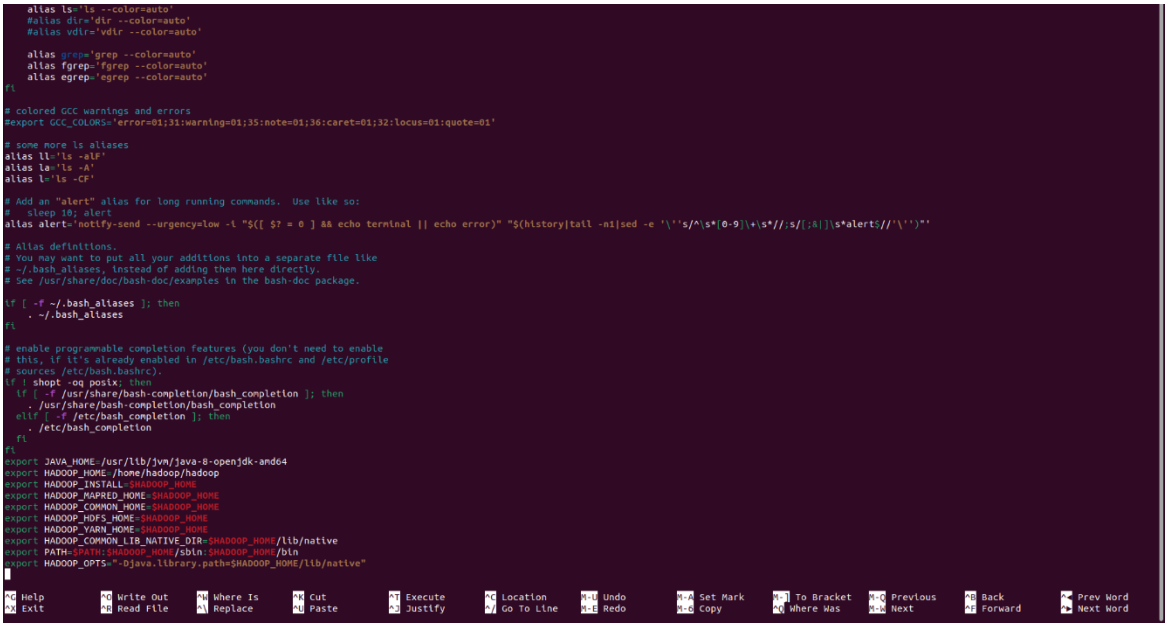
Exp. No : 1

Installation of Hadoop

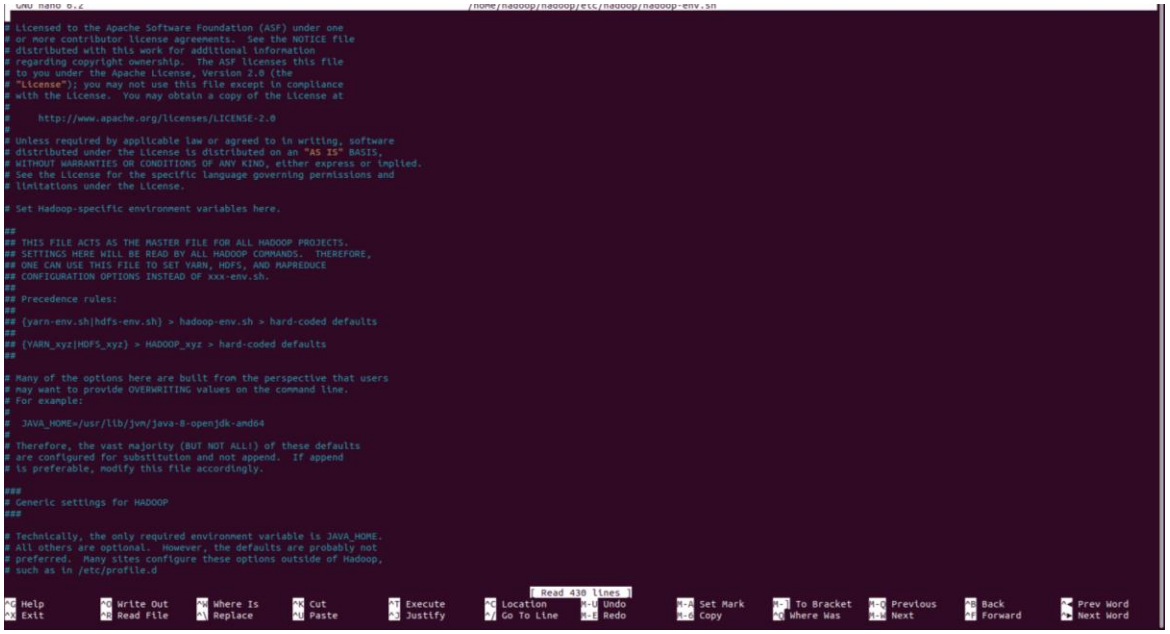
1. Download Hadoop Binary file



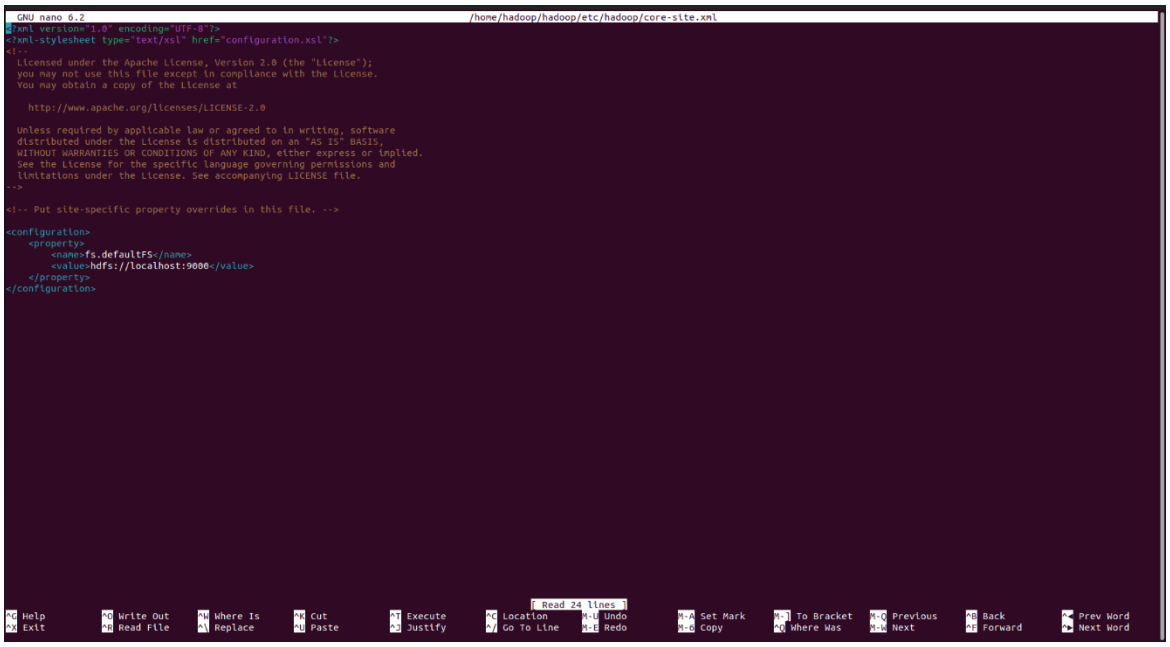
2. Modifying .bashrc file



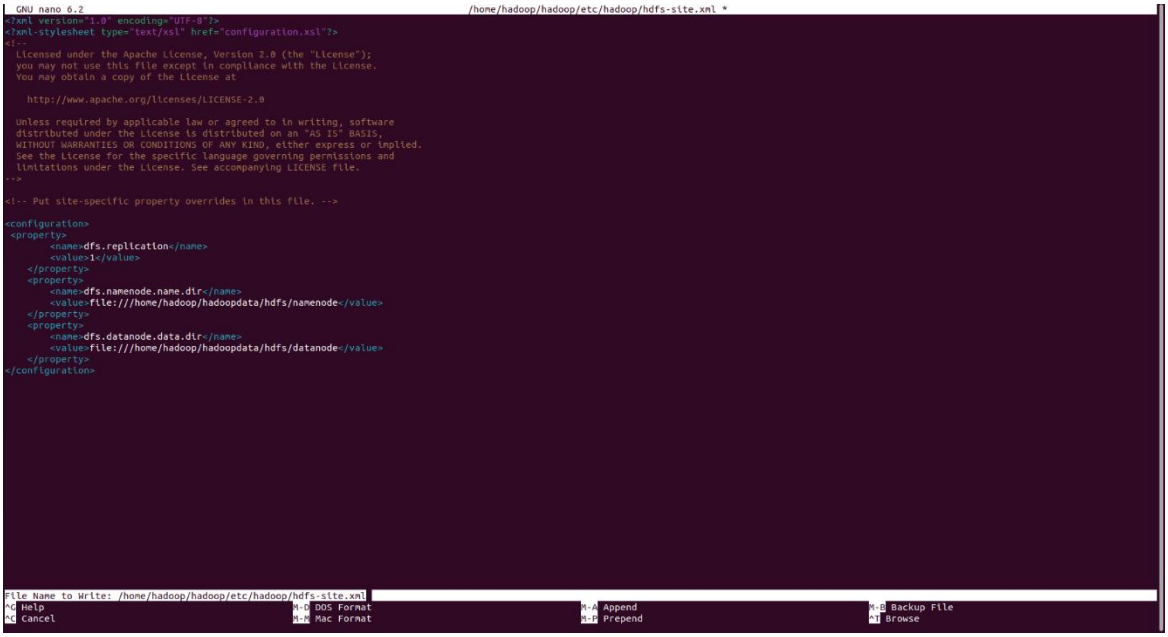
3. Updating JAVA_HOME in $HADOOP_HOME/etc/hadoop/hadoop-env.sh



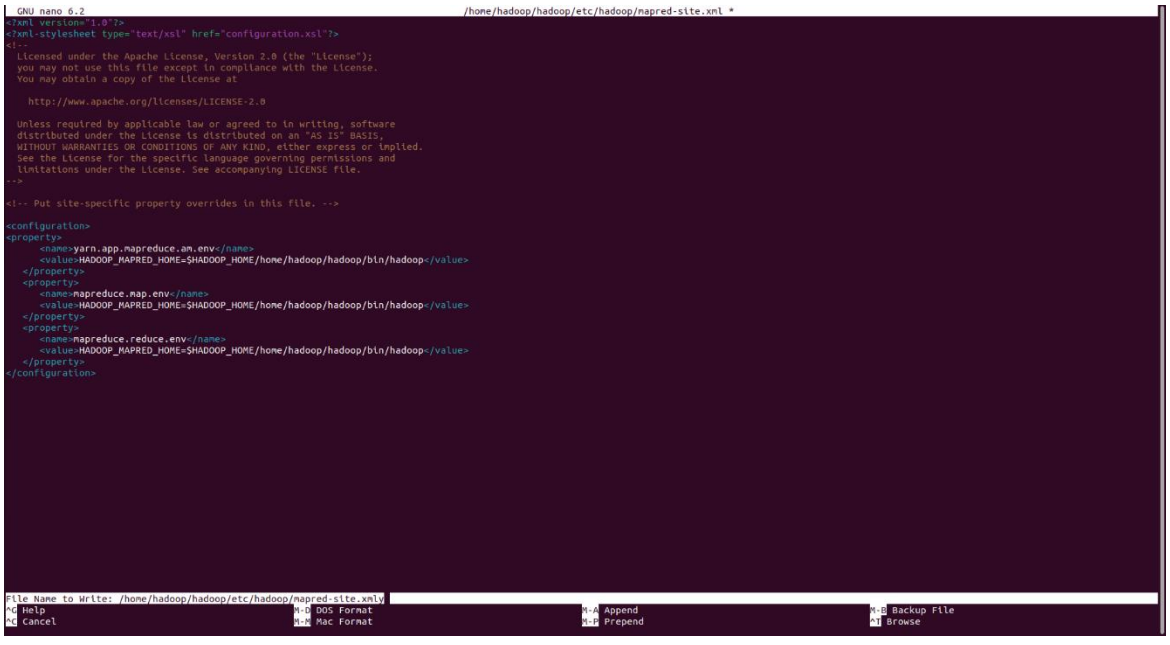
4. Modifying $HADOOP_HOME/etc/hadoop/core-site.xml



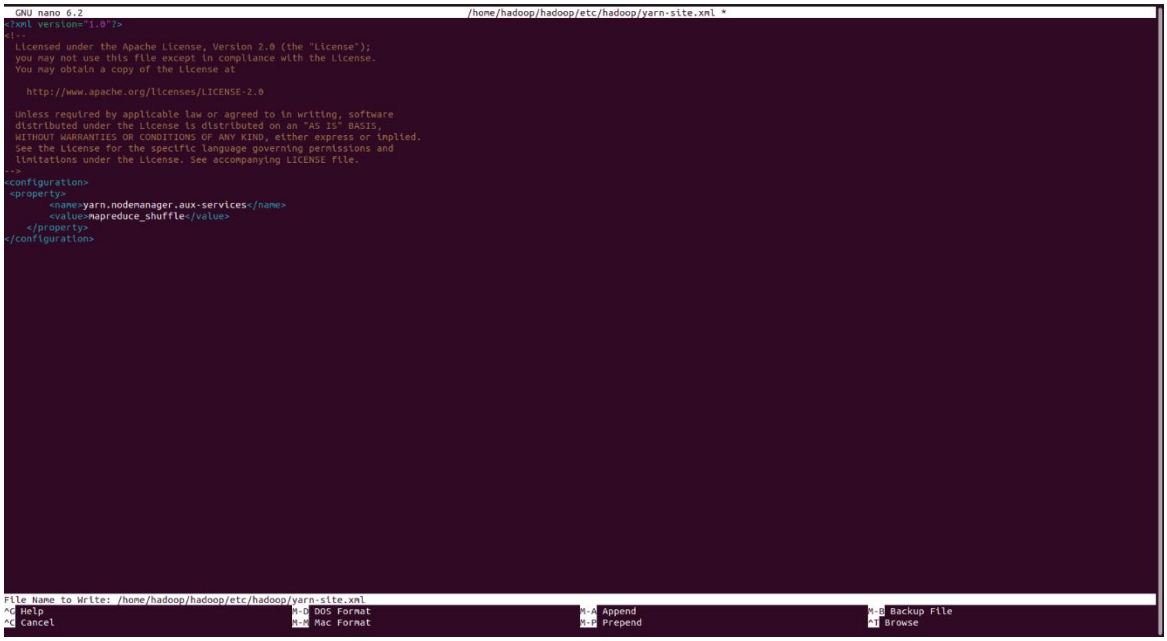
5. Modifying $HADOOP_HOME/etc/hadoop/hdfs-site.xml

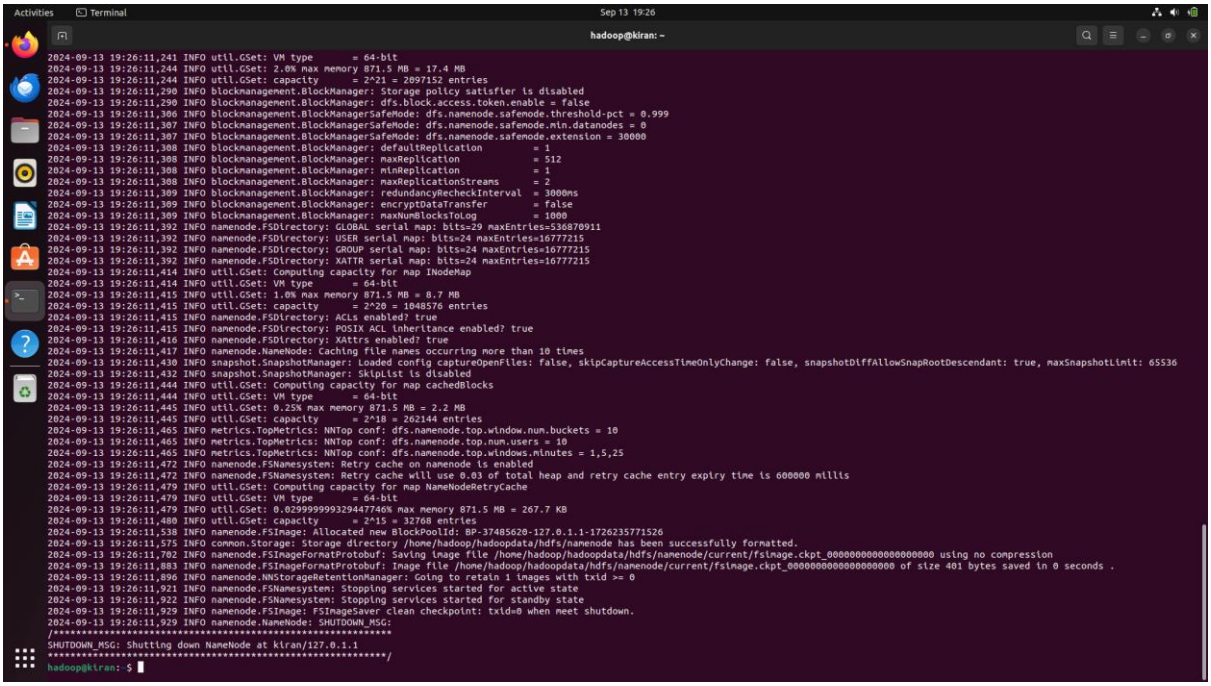


6. Modifying $HADOOP_HOME/etc/hadoop/mapred-site.xml

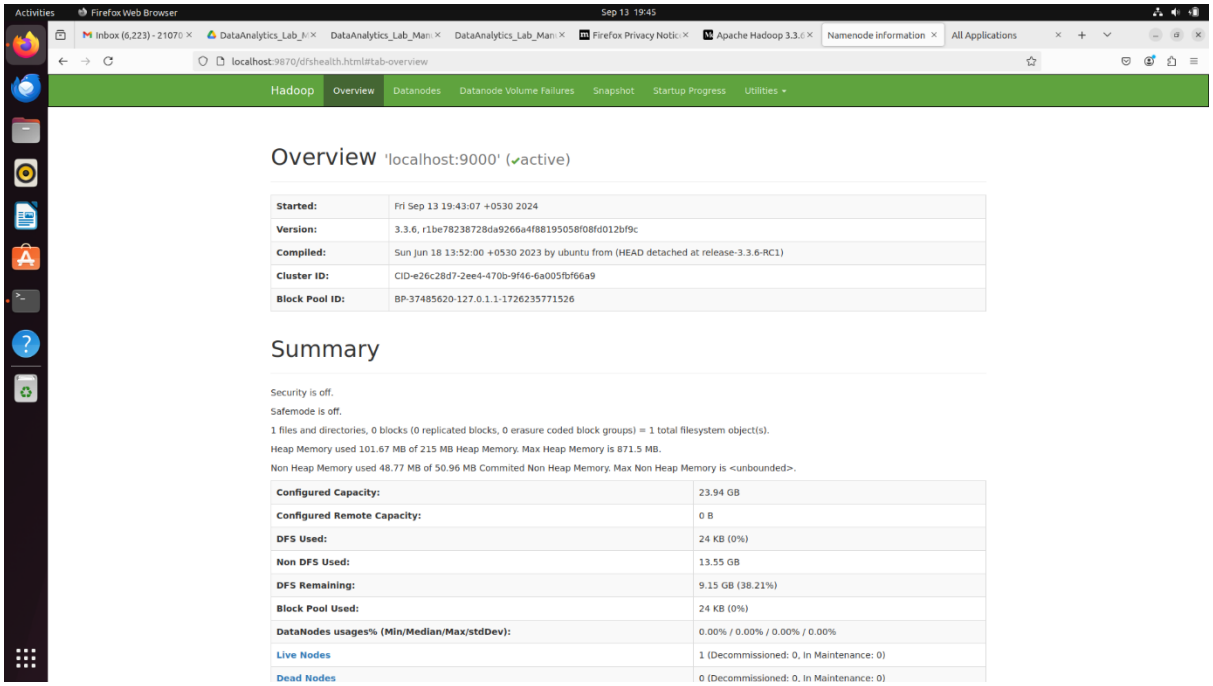


7. Modifying $HADOOP_HOME/etc/hadoop/yarn-site.xml

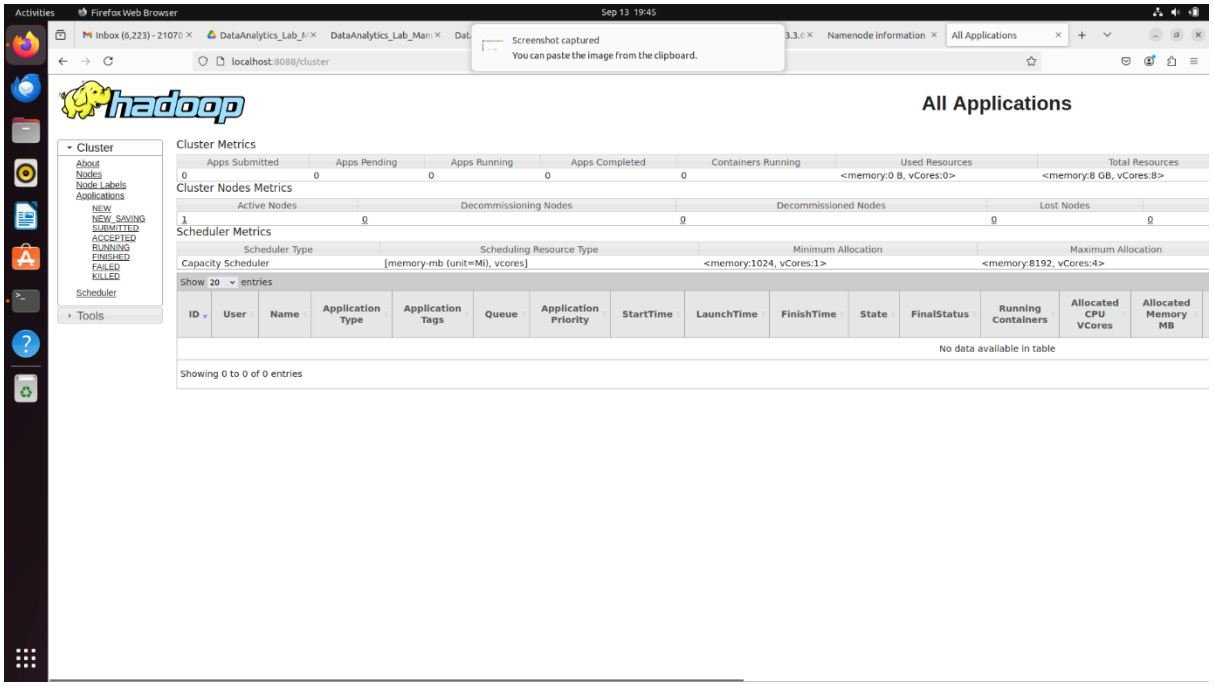




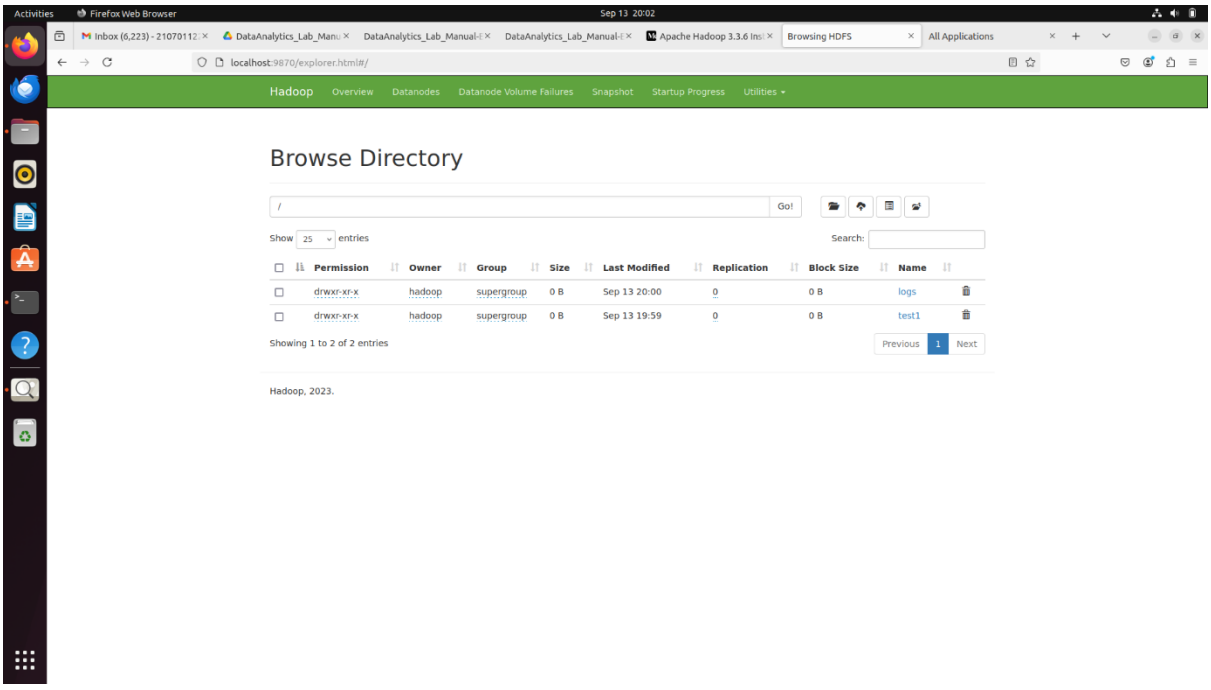
8. Open http://localhost:9870

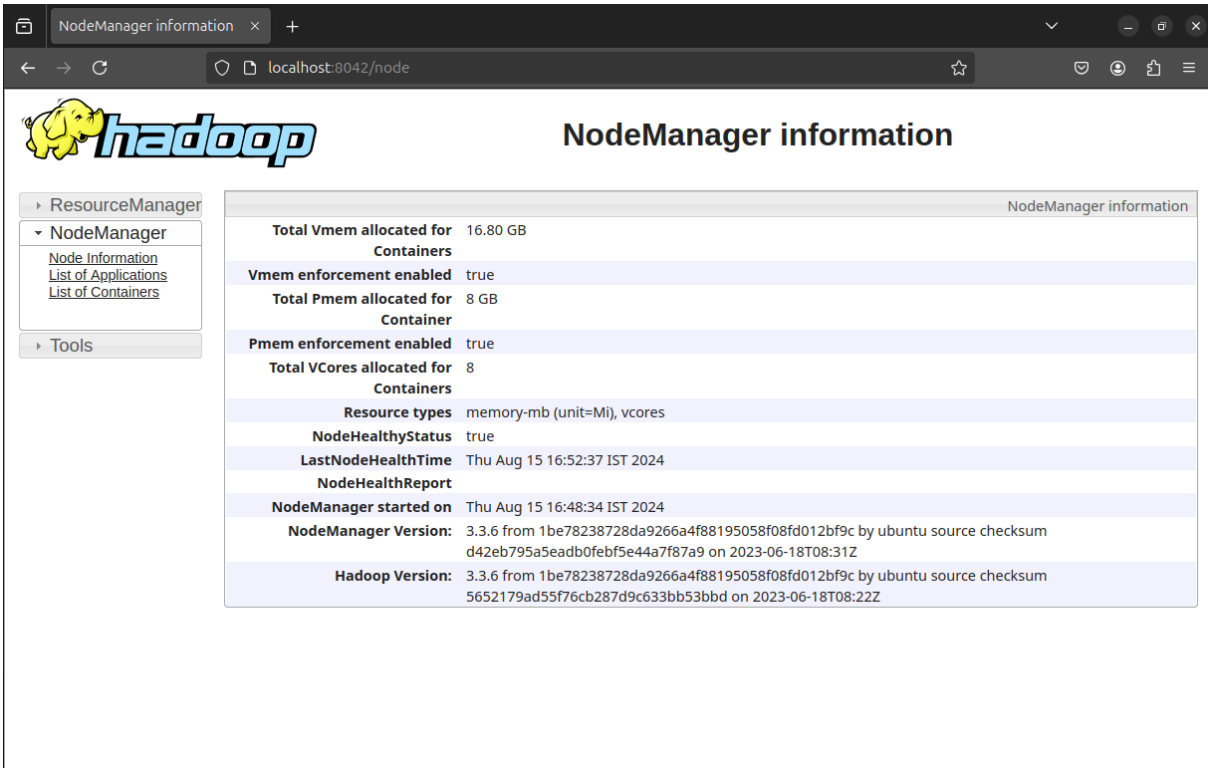


9. Open http://localhost:8088



10. Open http://localhost:8042




NodeManager information
localhost:8042/node
NodeManager information
ResourceManager
NodeManager
Node Information
List of Applications
List of Containers
Tools
NodeManager information
Total Vmem allocated for Containers 16.80 GB
Vmem enforcement enabled true
Total Pmem allocated for Container 8 GB
Pmem enforcement enabled true
Total VCores allocated for Containers 8
Resource types memory-mb (unit=Mi), vcores
NodeHealthyStatus true
LastNodeHealthTime Thu Aug 15 16:52:37 IST 2024
NodeHealthReport
NodeManager started on Thu Aug 15 16:48:34 IST 2024
NodeManager Version: 3.3.6 from 1be78238728da9266a4f88195058f08fd012bf9c by ubuntu source checksum d42eb795a5eadb0febf5e44a7f87a9 on 2023-06-18T08:31Z
Hadoop Version: 3.3.6 from 1be78238728da9266a4f88195058f08fd012bf9c by ubuntu source checksum 5652179ad55f76cb287d9c633bb53bbd on 2023-06-18T08:22Z