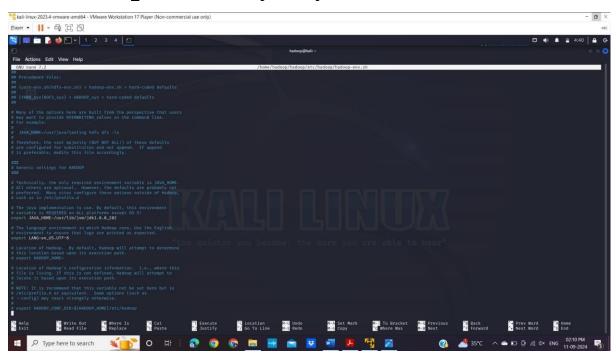**Exp No: 1 Downloading and installing Hadoop, Understanding different Hadoop modes, Startup scripts, Configuration files.**

$ nano ~/.bashrc

$ nano $HADOOP_HOME/etc/hadoop/hadoop-env.sh

$nano $HADOOP_HOME/etc/hadoop/core-site.xml

```
File  Actions  Edit  View  Help
  GNU nano 7.2                                                              /home/hac
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
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  limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>
 <name>fs.defaultFS</name>
 <value>hdfs://localhost:9000</value>  </property>
 <property>
<name>hadoop.proxyuser.dataflair.groups</name> <value>*</value>
 </property>
 <property>
<name>hadoop.proxyuser.dataflair.hosts</name> <value>*</value>
 </property>
 <property>
<name>hadoop.proxyuser.server.hosts</name> <value>*</value>
 </property>
 <property>
<name>hadoop.proxyuser.server.groups</name> <value>*</value>
 </property>
</configuration>
```

$nano $HADOOP_HOME/etc/hadoop/hdfs-site.xml

```
                                                                    hadoop@kali: ~
File  Actions  Edit  View  Help
  GNU nano 7.2                                              /home/hadoop/hadoop/etc/hadoo
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
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  limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
 <property>
 <name>dfs.replication</name>
 <value>1</value>
 </property>
 <property>
 <name>dfs.name.dir</name>
 <value>file:///home/hadoop/hadoopdata/hdfs/namenode</value>
 </property>
 <property>
    <name>dfs.datanode.data.dir</name>
    <value>file:///home/hadoop/hadoopdata/hdfs/datanode</value>
 </property>
</configuration>
```

$nano $HADOOP_HOME/etc/hadoop/mapred-site.xml

$nano $HADOOP_HOME/etc/hadoop/yarn-site.xml

$ start-all.sh

$ jps

localhost:9870

localhost:8088