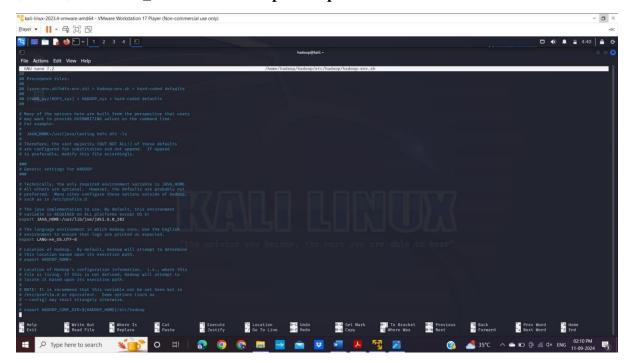**Exp No: 1 Downloading and installing Hadoop, Understanding different Hadoop modes, Startup scripts, Configuration files.**

$ 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/ha
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
  Licensed under the Apache License, Version 2.0 (the "License");
  you may not use this file except in compliance with the License.
  You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

  Unless required by applicable law or agreed to in writing, software
  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
  See the License for the specific language governing permissions and
  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

```
File  Actions  Edit  View  Help                                    hadoop@kali: ~
 GNU nano 7.2                                           /home/hadoop/hadoop/etc/hadoo
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
  Licensed under the Apache License, Version 2.0 (the "License");
  you may not use this file except in compliance with the License.
  You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

  Unless required by applicable law or agreed to in writing, software
  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
  See the License for the specific language governing permissions and
  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

```
┌──(hadoop㉿kali)-[~]
└─$ jps
Picked up _JAVA_OPTIONS: -Dawt.useSystemAAFontSettings=on -Dswing.aatext=true
14436 NodeManager
16772 Jps
13830 SecondaryNameNode
14311 ResourceManager
13597 DataNode
13471 NameNode


┌──(hadoop㉿kali)-[~]
└─$ █
```

localhost:9870

localhost:8088