Hadoop Installation in Windows

Step-1: Download Jdk 1.8 and install

Step-2: Download Hadoop 3.3.0.tar file and extract through 7-Zip

Step-3: Copy hadoop-3.3.0 file in C: Drive

Step-4: Set Path

   4.1 Open Environment Variable   and click new in user variable

HADOOP_HOME	C:\hadoop-3.3.0\bin
JAVA_HOME	C:\Java\jdk1.8.0_211\bin

   4.2 Than click path in system variable

```
C:\hadoop-3.3.0\sbin
C:\hadoop-3.3.0\bin
C:\Java\jdk1.8.0_211\bin
```

Step-5 Change all file given below in C:\hadoop-3.3.0**etc** folder:

\# For core-site.xml

```
<property>
 <name>fs.defaultFS</name>
 <value>hdfs://localhost:9000</value>
</property>
```

\# For hdfs-site.xml or https-site.xml

```
<property>
 <name>dfs.replication</name>
 <value>1</value>
</property><property>
 <name>dfs.namenode.name.dir</name>
```

```
  <value>C:\hadoop\data\namenode</value>

</property><property>

  <name>dfs.datanode.data.dir</name>

  <value>C:\hadoop\data\datanode</value>

</property>
```

For mapred-site.xml

```
<property>

  <name>mapreduce.framework.name</name>

  <value>yarn</value>

</property>
```

For yarn-site.xml

```
<property>

  <name>yarn.nodemanager.aux-services</name>

  <value>mapreduce_shuffle</value>

</property><property>

  <name>yarn.nodemanager.auxservices.mapreduce.shuffle.class</name>

  <value>org.apache.hadoop.mapred.ShuffleHandler</value>

</property>
```

Step-6: Now delete **bin** folder in Hadoop 3.3.0 and pest bin folder store in

hadoop_bin_file_and_dll_erro_fix_file this folder.

Step-7: Now copy msvcr120.dll and pest inside System32 folder.
C:\Windows\System32

Step-8: Create data folder inside Hadoop 3.3.0 and also create namenode and
datanode folder inside data folder.

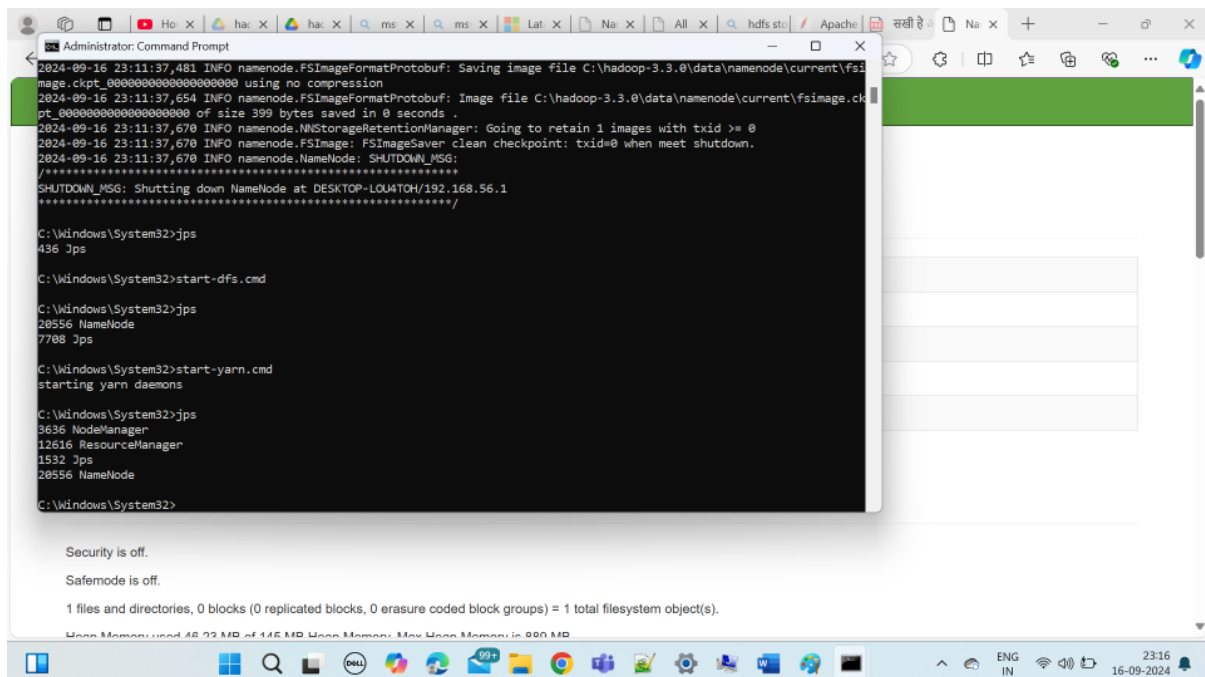Step -8: Open cmd as Administrator and write command

hdfs namenode -format

and follow the step command:

start-dfs.cmd

start-yarn.cmd

and than open localhost:9870