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

#### \$ nano ~/.bashrc

```
⊞
                                                                                                                                                                                                    hadoop@fedora:~/hadoop/etc/hadoop
GNU nano 7.2
                                                                                                                                                                                                                   /home/hadoop/.bashrc
Source global definitions [ -f /etc/bashrc ]; then
User specific environment
f! [[ "$PATH" =~ "$HOME/.local/bin:$HOME/bin:" ]]; then
PATH="$HOME/.local/bin:$HOME/bin:$PATH"
User specific aliases and functions f [ -d ~/.bashrc.d ]; then
    for rc in ~/.bashrc.d/*; do
if [ -f "$rc" ]; then
.
Hadoop Related Options
xport JAVA_HOME=/usr/lib/jvm/java-11-openjdk-11.0.24.0.8-2.fc40.x86_64
xport HADOOP_HOME=/home/hadoop/hadoop
xport HADOOP_INSTALL=$HA
xport HADOOP_MAPRED_HOME
   ort HADOOP_COMMON_HOME:
ort HADOOP_HDFS_HOME=$
          YARN HOME
         TARK_HOME-SHADOUP_HOME
HADOOP_COMMON_LIB_NATIVE_DIR=SHADOOP_HOME/lib/native
PATH=SPATH:SHADOOP_HOME/sbin:SHADOOP_HOME/bin
HADOOP_OPTS="-Djava.library.path=SHADOOP_HOME/lib/native"
         PATH=$PATH:$PIG_HOME/bin
PIG_CLASSPATH=$PIG_HOME/conf:$HADOOP_INSTALL/etc/hadoop/
PIG_CONF_DIR=$PIG_HOME/conf
PIG_CLASSPATH=$PIG_CONF_DIR:$GATA
HIVE_HOME_/L
          HIVE_HOME=/home/jeciyazhini/hive
         PATH=$PATH:$HIVE_HOME/bin
HADOOP_USER_CLASSPATH_FIRST=true
```

# \$ nano \$HADOOP\_HOME/etc/hadoop/hadoop-env.sh

```
Indicate the face of equivalent to see any content of the content
```

## \$nano \$HADOOP\_HOME/etc/hadoop/core-site.xml

```
GNU nano 7.2

| Core-site.xml
| Staml version="N.8" encoding="UTF-8"?>
| Core-site.xml
| Staml version="N.8" encoding="UTF-8"?>
| Caml-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. -->
| Configurations or complete the specific property overrides in this file. -->
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```

## \$nano \$HADOOP\_HOME/etc/hadoop/hdfs-site.xml

\$nano \$HADOOP\_HOME/etc/hadoop/mapred-site.xml

```
CNU nano 7.2

| Image: Application | Image: Applica
```

## \$nano \$HADOOP HOME/etc/hadoop/yarn-site.xml

```
GNU nano 7.2

GNU nano 7.2

(ZNEL Version="1.0"?>

(I--

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**Configuration**
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Chamery yarn.nodemanager.aux-services</name*

**Cyroperty*
Chamery yarn.nodemanager.env-whitelist</name*

**Cyalue>JANA_HOME,HADOOP_COMMON_HOME,HADOOP_HOME,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_YARN_HOME,HADOOP_HOME</name*

**Cyalue>JANA_HOME,HADOOP_COMMON_HOME,HADOOP_HOME,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_YARN_HOME,HADOOP_HOME</name*

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**Cyalue>JANA_HOME,HADOOP_COMMON_HOME,HADOOP_HOME</name*

**Cyalue>JANA_HOME,HADOOP_COMMON_HOME,HADOOP_HOME,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_YARN_HOME,HADOOP_HOME</name*

**Cyalue>JANA_HOME,HADOOP_COMMON_HOME,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_YARN_HOME,HADOOP_HOME</name*

**Cyalue>JANA_HOME,HADOOP_COMMON_HOME,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_CONF_DIR,CLASSPATH_PREPEND_DISTCACHE,HADOOP_CONF_DIR,CLASSPATH_PREPEND_
```

#### \$ start-all.sh

```
hadoop@fedora:~/hadoop/sbin$ ./start-all.sh

WARNING: Attempting to start all Apache Hadoop daemons as hadoop in 10 seconds.

WARNING: This is not a recommended production deployment configuration.

WARNING: Use CTRL-C to abort.

Starting namenodes on [localhost]
localhost: bash: unse: command not found

Starting datanodes
localhost: bash: unse: command not found

Starting secondary namenodes [fedora]
fedora: bash: unse: command not found

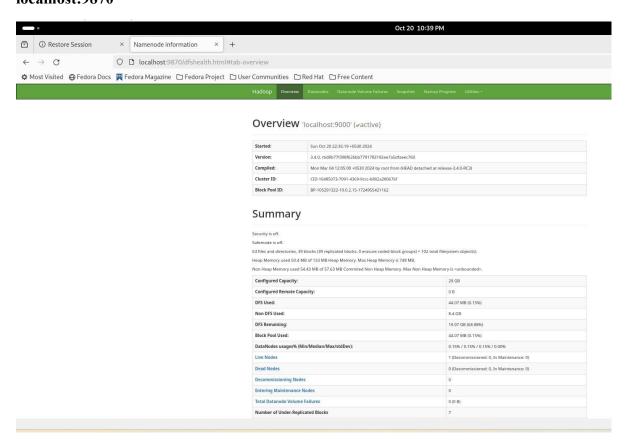
Starting resourcemanager

Starting nodemanagers
localhost: bash: unse: command not found
```

# \$ jps

```
hadoop@fedora:~/hadoop/sbin$ jps
4593 Jps
3764 SecondaryNameNode
3416 DataNode
3210 NameNode
4026 ResourceManager
4175 NodeManager
hadoop@fedora:~/hadoop/sbin$
```

#### localhost:9870



## localhost:8088

