

- ❖ `sudo addgroup myhadoop`
- ❖ `sudo adduser --ingroup myhadoop myhduser`
- ❖ `sudo apt-get install ssh`
- ❖ `sudo adduser myhduser sudo`
- ❖ `ssh-keygen -t rsa -P ""`
- ❖ `cat $HOME/.ssh/id_rsa.pub >> $HOME/.ssh/authorized_keys`
- ❖ `ssh localhost`
- ❖ `su myhduser`
- ❖ `ls`
- ❖ `cd Downloads/`
- ❖ `ls`
- ❖ `sudo tar -xvzf hadoop-2.6.0.tar.gz`
- ❖ `sudo mkdir -p /usr/local/hadoop`
- ❖ `sudo chown -R myhduser:myhadoop /usr/local/hadoop/`
- ❖ `cd hadoop-2.6.0/`
- ❖ `ls`
- ❖ `sudo mv * /usr/local/hadoop/`
- ❖ `sudo gedit ~/.bashrc`

- ❖ `source ~/.bashrc`
- ❖ `hadoop version`
- ❖ `java -version`
- ❖ `sudo mkdir -p /app/myhadoop/tmp/`
- ❖ `sudo chown -R myhduser:myhadoop /app/myhadoop/tmp/`
- ❖ `sudo vi /usr/local/hadoop/etc/hadoop/core-site.xml`
- ❖ `cd /usr/local/hadoop/etc/hadoop`
- ❖ `sudo vi hadoop-env.sh`
- ❖ `sudo cp mapred-site.xml.template mapred-site.xml`
- ❖ `sudo vi mapred-site.xml`

- ❖ `sudo mkdir -p /usr/local/myhadoop_store/hdfs/namenode/`
- ❖ `sudo mkdir -p /usr/local/myhadoop_store/hdfs/datanode/`
- ❖ `sudo chown -R myhduser:myhadoop /usr/local/myhadoop_store/hdfs/namenode/`
- ❖ `sudo chown -R myhduser:myhadoop /usr/local/myhadoop_store/hdfs/datanode/`
- ❖ `sudo vi hdfs-site.xml`
- ❖ `sudo vi yarn-site.xml`
- ❖ `hadoop namenode -format`
- ❖ `start-all.sh`
- ❖ `jps`

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- ❖ `cd Desktop`
- ❖ `mkdir inputdata`
- ❖ `cd inputdata`
- ❖ `echo "Rathinam college of arts and science Rathinam Institute of Management  
Rathinam Technical campus" >> test.txt`
- ❖ `cat test.txt`
- ❖ `su myhduser`
- ❖ `cd /usr/local/hadoop`
- ❖ `bin/hdfs dfs -mkdir /user`
- ❖ `bin/hdfs dfs -mkdir /user/myhduser`
- ❖ `bin/hdfs dfs -put /home/ali/Desktop/dd/dd.txt`
- ❖ `bin/hadoop dfs -cat /user/myhduser/ test.txt`

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- ❖ `echo "Rathinam college of arts and science Rathinam Institute of Management`

Rathinam Technical campus” >> test.txt

- ❖ cat test.txt
- ❖ su myhduser
- ❖ cd /usr/local/hadoop
- ❖ bin/hdfs dfs -mkdir /user
- ❖ bin/hdfs dfs -mkdir /user/myhduser
- ❖ bin/hdfs dfs -put /home/ali/Desktop/dd/dd.txt
- ❖ bin/hadoop jar /usr/local/hadoop/share/hadoop/mapreduce/hadoop-mapreduce-examples-2.6.0.jar wordcount /user/myhduser/dd.txt /output
- ❖ bin/hadoop dfs -cat /outputwe/\*