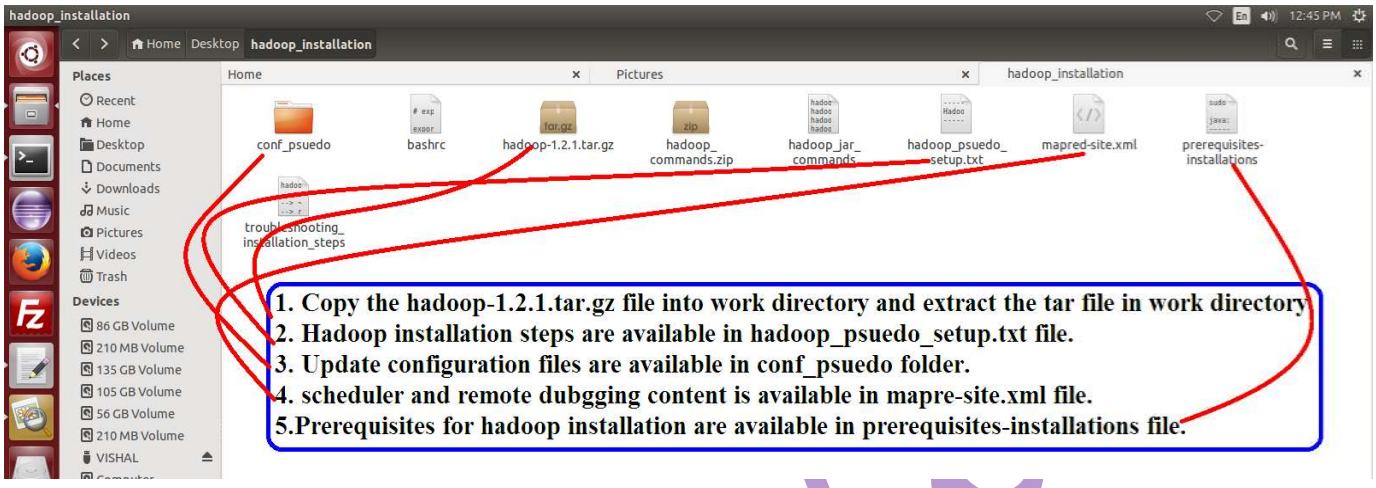
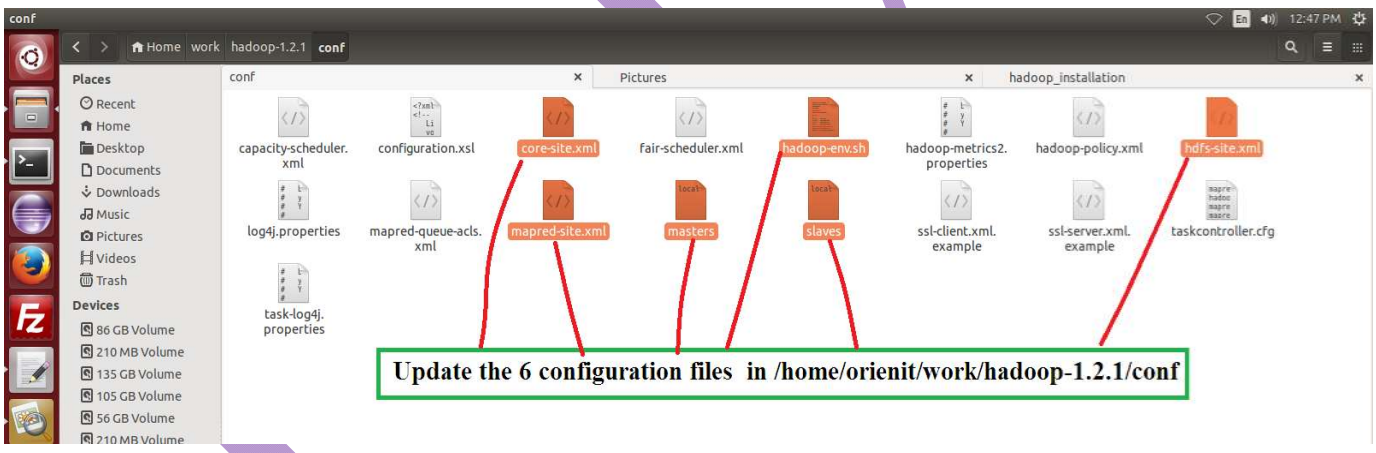
HADOOP-1.2.1 Version Installation Steps

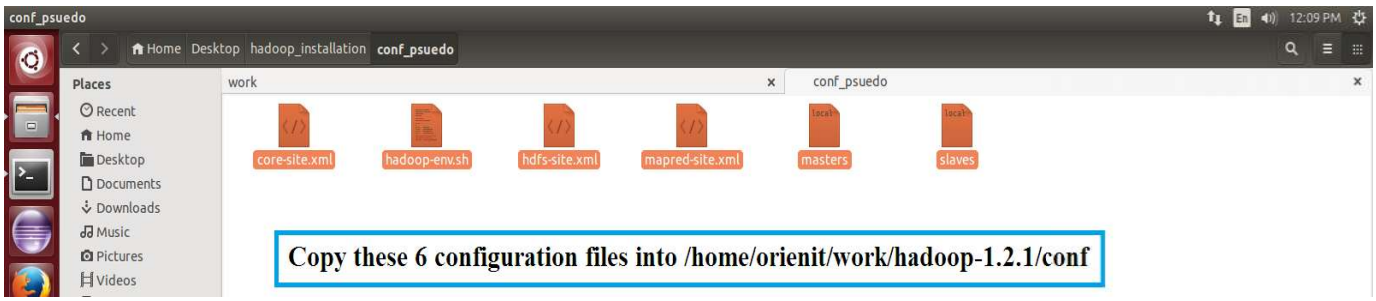
1. Download the **hadoop-1.2.1** version from [Apache Mirrors]
2. Create the **work** directory in **orienit** user, path is `**/home/orienit**`
3. Please follow the below screen shot steps.



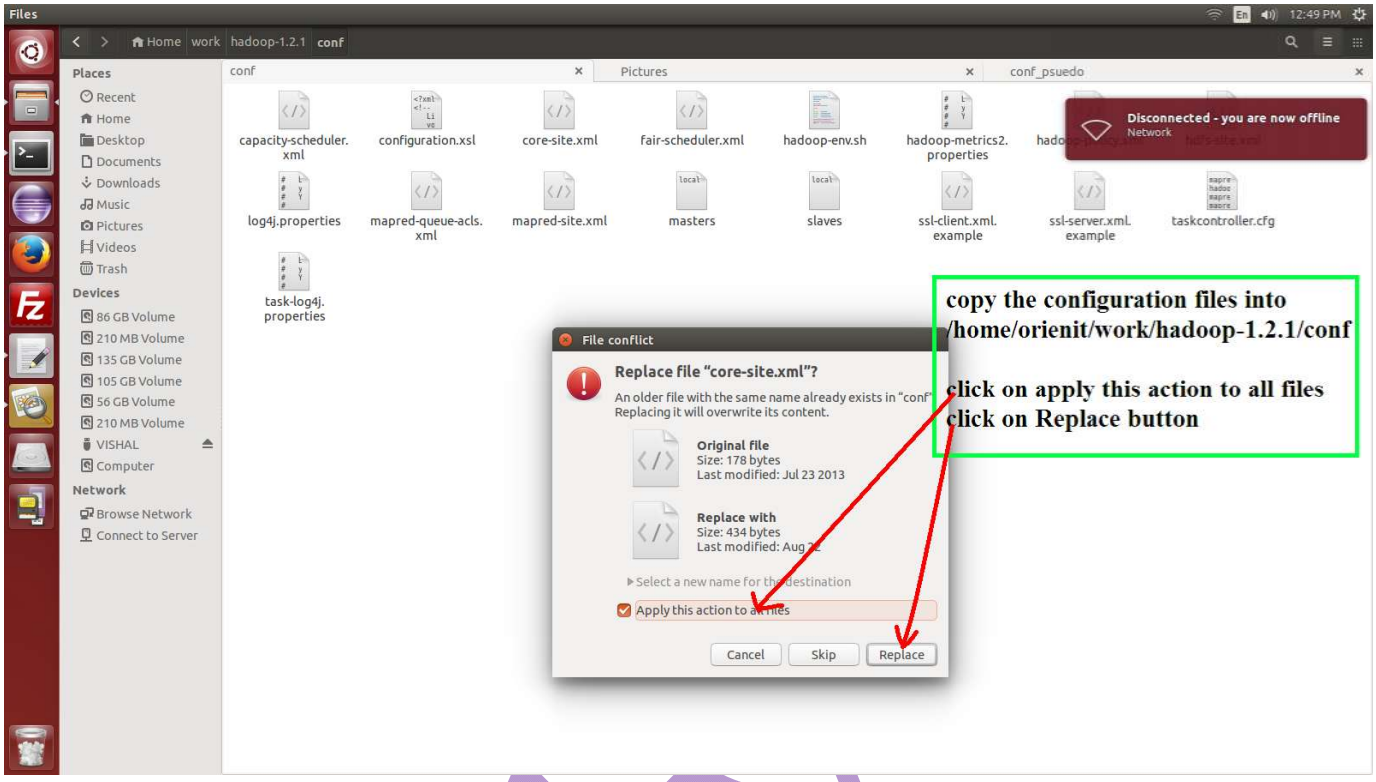
4. By default hadoop configuration files are empty.
   As part of hadoop installation we need to update the configurations files as per our requirements.



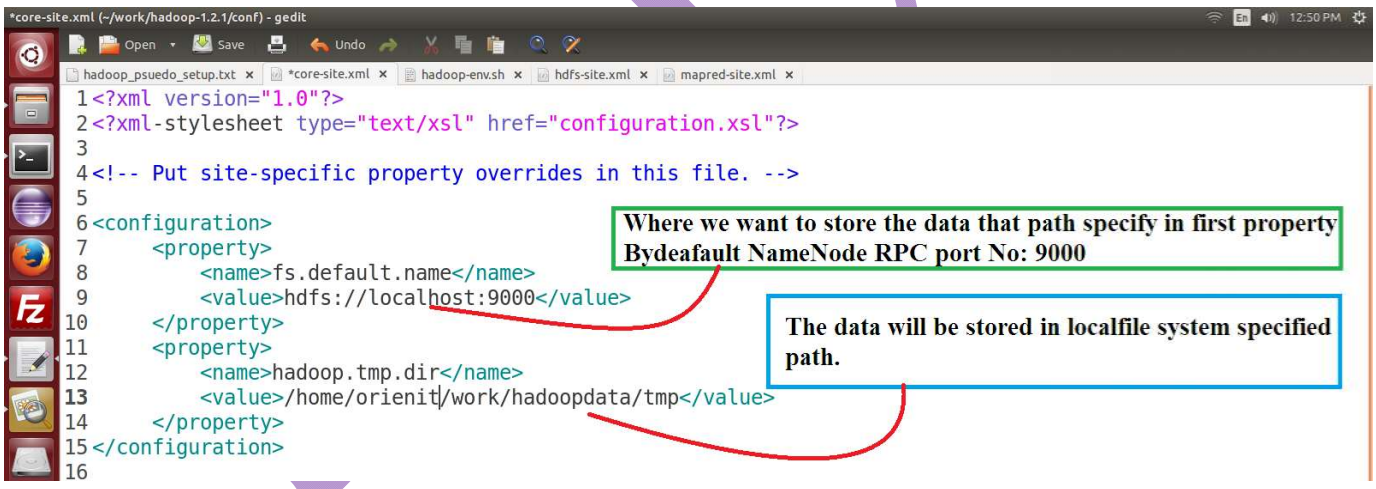
5. The below 6 configuration files having **installation properties**, we need to copy these 6 files into **/home/orienit/work/hadoop-1.2.1/conf**



6. Steps is available on screen shots, we can follow that actions

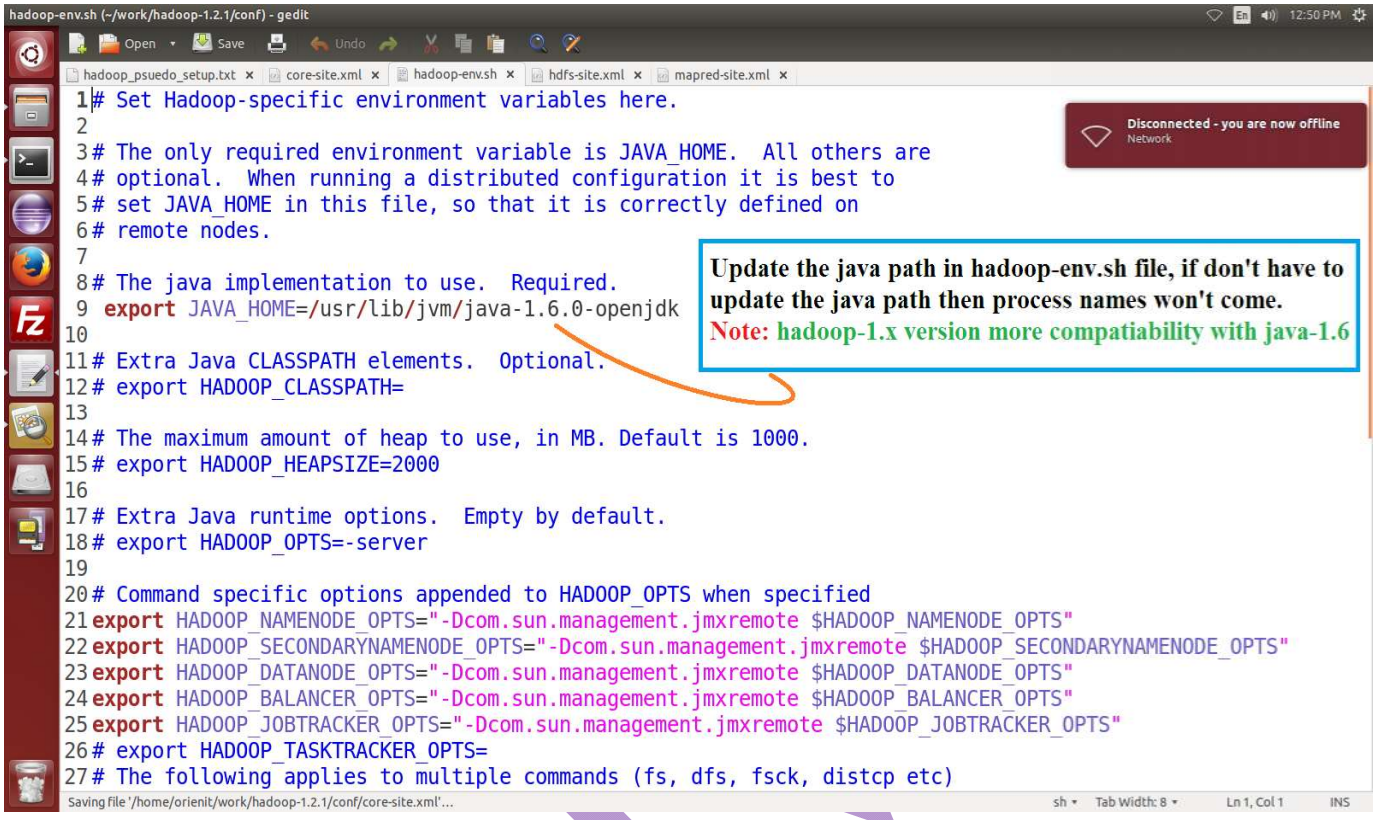


7. Open **core-site.xml** file, verify the properties and understanding the properties description.

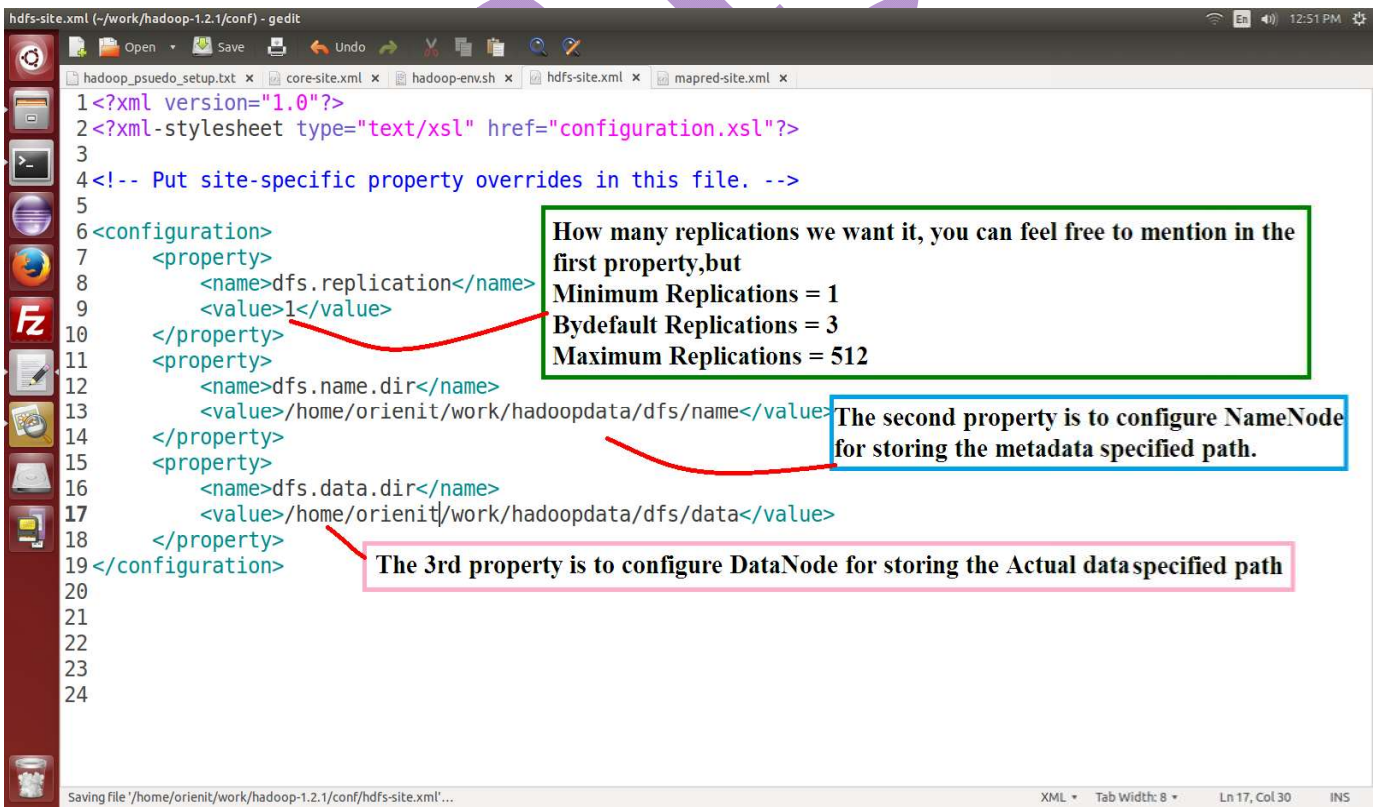



```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>

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

<configuration>
     <property>
          <name>fs.default.name</name>
          <value>hdfs://localhost:9000</value>
     </property>
     <property>
          <name>hadoop.tmp.dir</name>
          <value>/home/orienit/work/hadoopdata/tmp</value>
     </property>
</configuration>
```

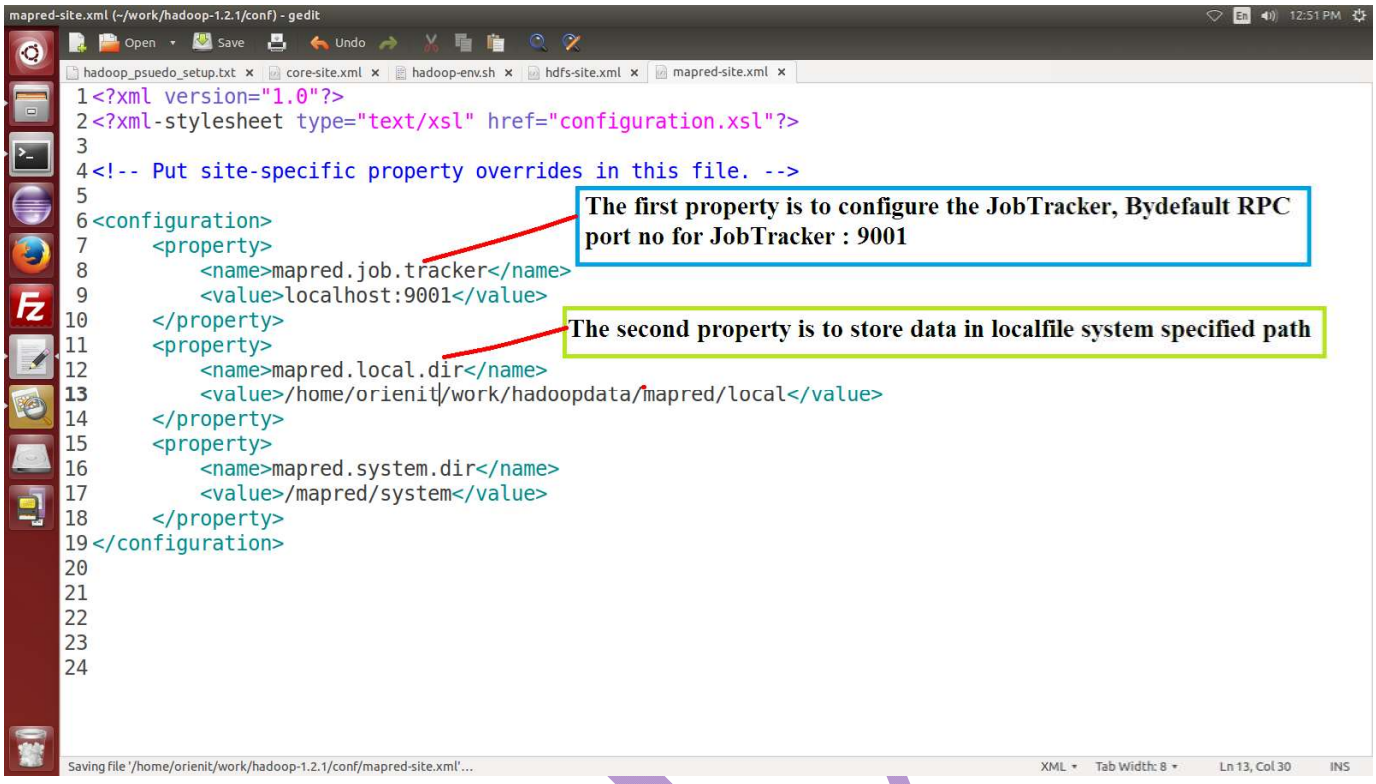
8. Open the **hadoop-env.sh** file and follow the below screen shot information.



9. Open the **hdfs-site.xml** file and follow the below properties.



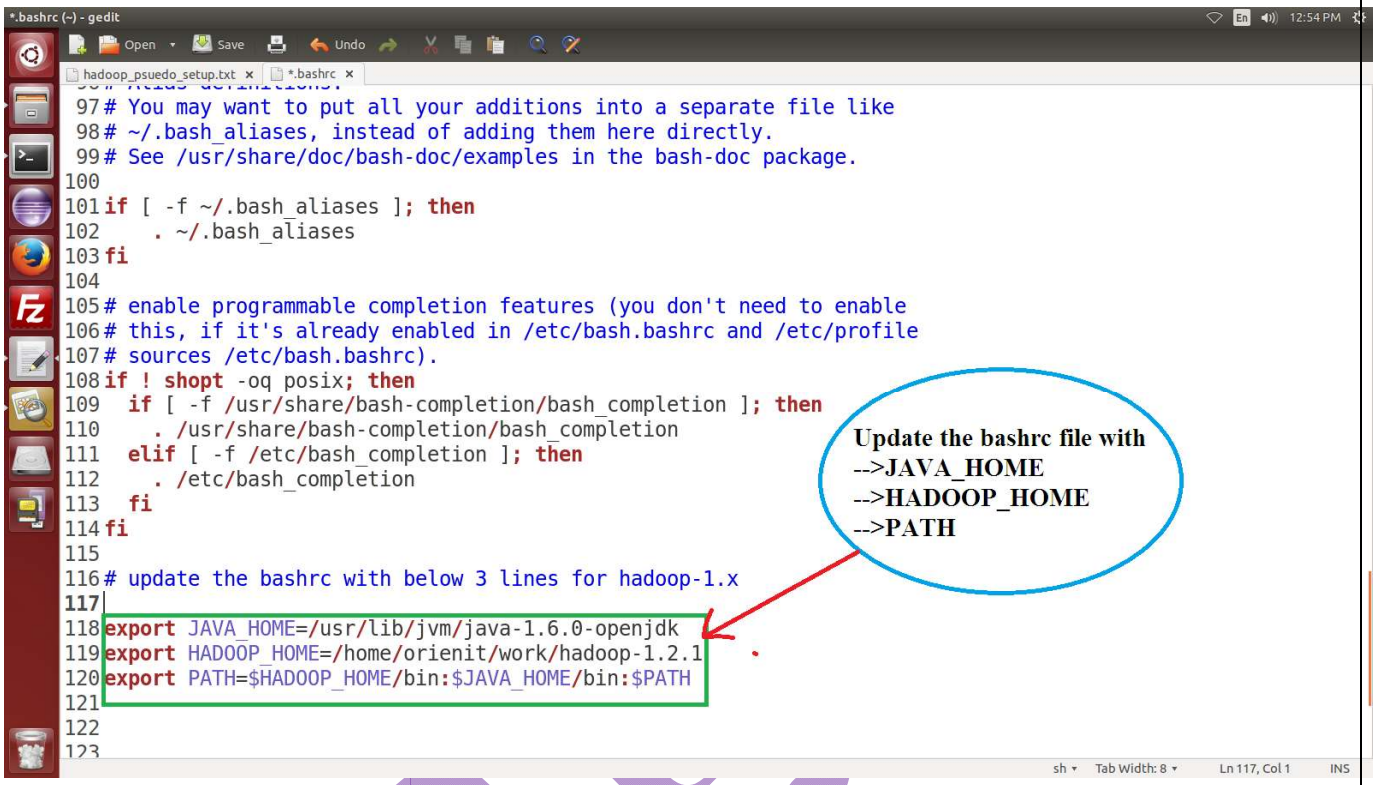
10. Open the **mapred-site.xml** file and understand the screen shot information



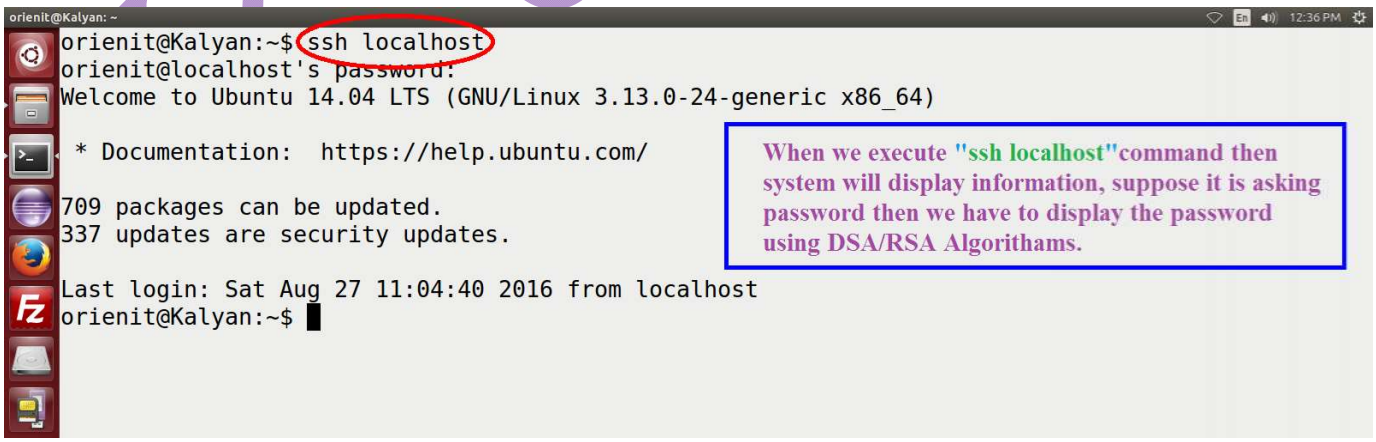
11. If we want install **hadoop-1.2.1**, we need to update the **~/.bashrc** file. To open **~/.bashrc** file using below command.

12. Update the **hadoop-1.2.1** related information in **~/.bashrc** file

export JAVA_HOME=/usr/lib/jvm/java-1.6.0-openjdk
export HADOOP_HOME=/home/orienit/work/hadoop-1.2.1
export PATH=$HADOOP_HOME/bin:$JAVA_HOME/bin:$PATH

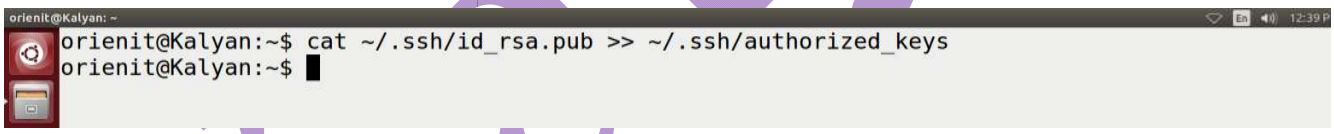


13. Ssh is secure shell, follow the screen shot information. (ssh localhost)

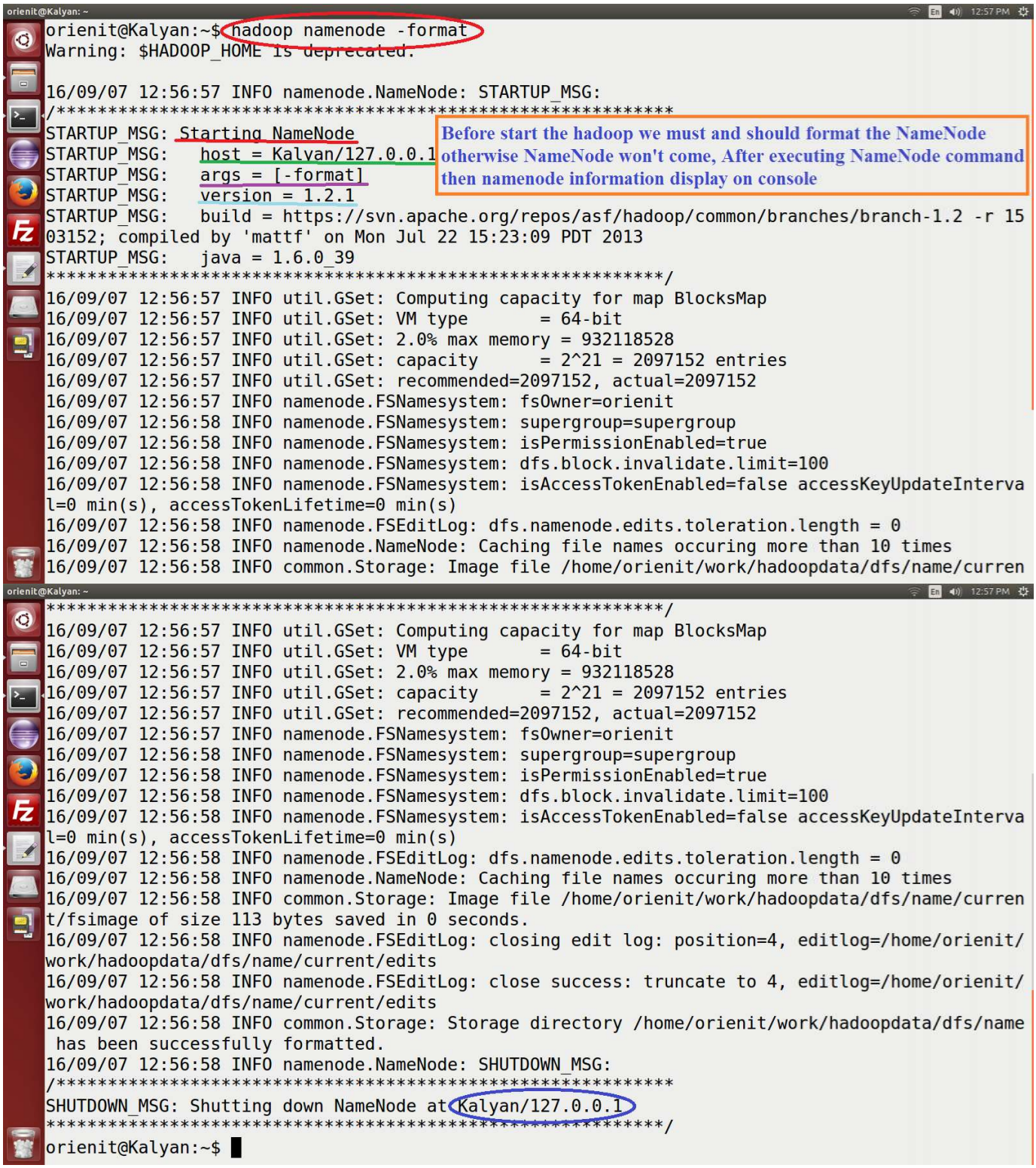


14. Follow the below commands to Disable the password securely

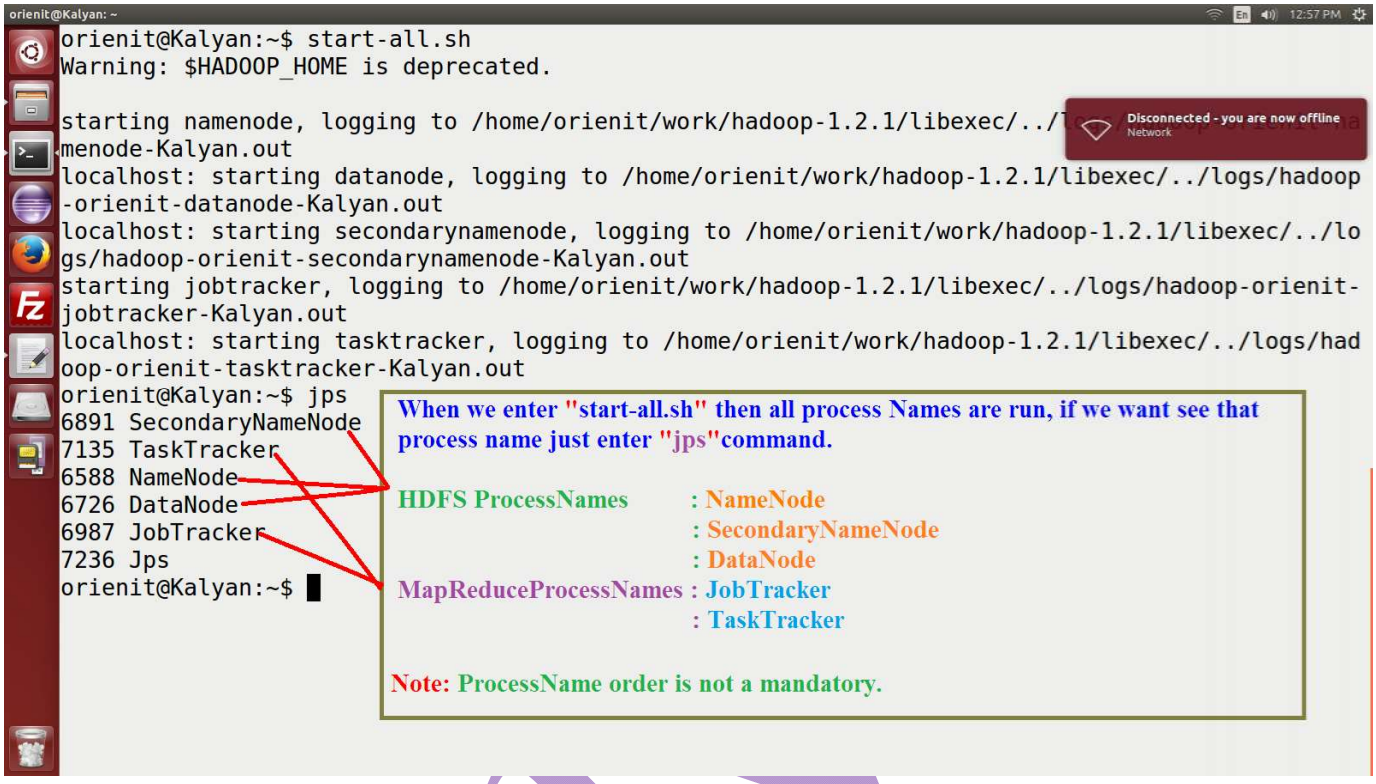
ssh-keygen -t rsa -P '' -f ~/.ssh/id_rsa
cat ~/.ssh/id_rsa.pub >> ~/.ssh/authorized_keys
chmod 600 ~/.ssh/authorized_keys



15. Format the Name node using below command (hadoop namenode -format)



16. Start the Hadoop using below command (start-all.sh) and then observe the screen shot information.



17. Open the browser with url is (http://localhost:50070) and then click on **browse the file system** link to access hadoop data.