with Practice examples	long
DATE:	

AIM: -

BACKGROUND THEORY: -

PROCEDURE: -

- Switch to superuser mode using sudo su.
- Update all system packages to ensure you have the latest versions.
- Install wget to download files from the internet.
- Use wget to download the HBase binary tarball from the official website.
- Extract the HBase binary tarball using the tar command.
- Move the extracted HBase directory to /usr/local/hbase for proper management.
- Open the .bashrc file to set the necessary environment variables for HBase.
- After editing the .bashrc file, apply the changes by sourcing it.
- Navigate to the HBase configuration directory.
- Open and edit the hbase-env.sh file to configure the environment variables for HBase.
- Open the hbase-site.xml file to configure HBase's storage mode.
- Finally, start the HBase services using the following command.
- You can verify if HBase has started correctly by running the HBase shell

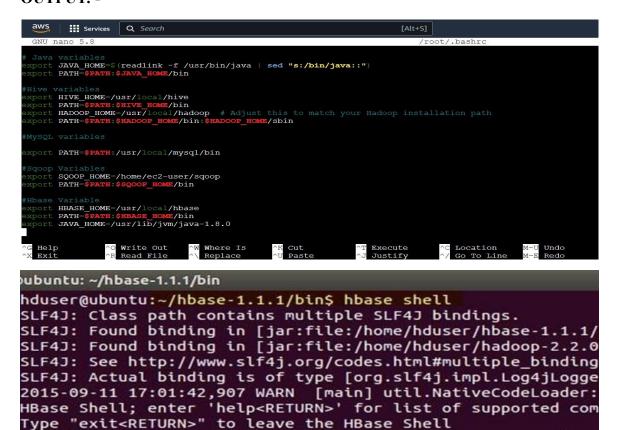
CODING: -

- sudo su
- Update the system
 - o sudo yum update -y
- Install wget
 - o sudo yum install wget -y
- Download HBase
 - o wget https://downloads.apache.org/hbase/2.4.15/hbase-2.4.15-bin.tar.gz
- Extract the HBase tarball
 - o tar -xzvf hbase-2.4.15-bin.tar.gz
- Move to root directory
 - o sudo my hbase-2.4.15 /usr/local/hbase
- Configure Hbase Environment Variables
 - o nano ~/.bashrc
 - o Add the following in that file as #HBase Variables
 - export HBASE_HOME=/usr/local/hbase
 - export PATH=\$PATH:\$HBASE HOME/bin
 - export JAVA_HOME=/usr/lib/jvm/java-1.8.0source ~/.bashrc
 - o source ~/.bashrc
- Configure HBase
 - o cd /usr/local/hbase/conf
 - o sudo nano hbase-env.sh
 - o export JAVA_HOME=/usr/lib/jvm/java-1.8.0
- Configure HBase storage mode
 - o sudo nano hbase-site.xml
 - <configuration>
 - property>
 - <name>hbase.rootdir</name>

- <value>file:///usr/local/hbase/data</value>
- property>
- <name>hbase.zookeeper.property.dataDir</name>
- <value>/usr/local/hbase/zookeeper</value>
- </configuration>
- start-hbase.sh

hbase(main):001:0> status

OUTPUT: -



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