1. Download the HBase bin file from here.

<https://archive.apache.org/dist/hbase/2.2.5/hbase-2.2.5-bin.tar.gz>

2. Create a new folder in C drive named hbasesetup. Extract the files and paste it in the

hbasesetup. Create 2 new folders hbase and zookeeper inside.

3. Open the bin folder. Search for the file hbase.cmd and edit it in notepad. Search for

java\_arguments and remove %HEAP\_SETTINGS%.

(Ref: set HEAP\_SETTINGS=%JAVA\_HEAP\_MAX% %JAVA\_OFFHEAP\_MAX%

set java\_arguments=%HBASE\_OPTS% -classpath "%CLASSPATH%" %CLASS% %hbase-command-arguments%)

Code in Conf> hbase-env.cmd

set HBASE\_CLASSPATH=%HBASE\_HOME%\lib\client-facing-thirdparty\\*

set HBASE\_HEAPSIZE=8000

set HBASE\_OPTS="-XX:+UseConcMarkSweepGC" "-Djava.net.preferIPv4Stack=true"

set SERVER\_GC\_OPTS="-verbose:gc" "-XX:+PrintGCDetails""-XX:+PrintGCDateStamps" %HBASE\_GC\_OPTS%

set HBASE\_USE\_GC\_LOGFILE=true

set HBASE\_JMX\_BASE="-Dcom.sun.management.jmxremote.ssl=false""-Dcom.sun.management.jmxremote.authenticate=false"

set HBASE\_MASTER\_OPTS=%HBASE\_JMX\_BASE%"-Dcom.sun.management.jmxremote.port=10101"

set HBASE\_REGIONSERVER\_OPTS=%HBASE\_JMX\_BASE%"-Dcom.sun.management.jmxremote.port=10102"

set HBASE\_THRIFT\_OPTS=%HBASE\_JMX\_BASE%"-Dcom.sun.management.jmxremote.port=10103"

set HBASE\_ZOOKEEPER\_OPTS=%HBASE\_JMX\_BASE%-Dcom.sun.management.jmxremote.port=10104"

set HBASE\_REGIONSERVERS=%HBASE\_HOME%\conf\regionservers

set HBASE\_LOG\_DIR=%HBASE\_HOME%\logs

set HBASE\_IDENT\_STRING=%USERNAME%

set HBASE\_MANAGES\_ZK=true

hbase-site.xml

<property>

<name>hbase.rootdir</name>

<value>file:///C:/hbasesetup/hbase-2.2.5/hbase</value>

</property>

<property>

<name>hbase.zookeeper.property.dataDir</name>

<value>/C:/hbasesetup/hbase-2.2.5/zookeeper</value>

</property>

<property>

<name> hbase.zookeeper.quorum</name>

<value>localhost</value>

</property>

Set the HBase environment variables and it too path as well.

**(Highlighted commands are has to used)**

Open command prompt and navigate to the hbase bin folder. Run the command

**start-hbase.cmd** to start hbase

Using the command **jps** you can check that our HMaster is running.

Start the **HBase** Shell now with the command hbase shell. Initial startup may take

some time.