Step 1: download the hive

<https://downloads.apache.org/hive/hive-3.1.2/>

create a folder in c drive called "Hive" in the extract the hive zip

Step 2: download the derby for supporting hive to work with database

<https://db.apache.org/derby/derby_downloads.html#For+Java+8+and+Higher>

create a folder called "Derby" and extract the zip file

Step 3: go to the "Edit Enviroment setup" and set up

HIVE\_HOME = give the path "C:\Hive\apache-hive-3.1.2-bin"

HIVE\_BIN = C:\Hive\apache-hive-3.1.2-bin\bin

HIVE\_LIB = C:\Hive\apache-hive-3.1.2-bin\lib

DERBY\_HOME = C:\Derby\db-derby-10.14.2.0-bin

Step 4: go to the C:\Derby\db-derby-10.14.2.0-bin\lib

derby library and copy all jar file there is one war file dont copy that

and Paste those file to lib of hive C:\Hive\apache-hive-3.1.2-bin\lib

Step 5: got to config folder C:\Hive\apache-hive-3.1.2-bin\conf and create a

hive-site.xml and paste this code

<?xml version="1.0"?>

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

<configuration><property> <name>javax.jdo.option.ConnectionURL</name>

<value>jdbc:derby://localhost:1527/metastore\_db;create=true</value>

<description>JDBC connect string for a JDBC metastore</description>

</property>

<property>

<name>system:java.io.tmpdir</name>

<value>C:\Hive\apache-hive-3.1.2-bin\tmp</value>

</property>

<property>

<name>system:user.name</name>

<value>${user.name}</value>

</property>

<property>

<name>javax.jdo.option.ConnectionDriverName</name>

<value>org.apache.derby.jdbc.ClientDriver</value>

<description>Driver class name for a JDBC metastore</description>

</property>

<property>

<name>hive.server2.enable.doAs</name>

<description>Enable user impersonation for HiveServer2</description>

<value>true</value>

</property>

<property>

<name>hive.server2.authentication</name>

<value>NONE</value>

<description> Client authentication types. NONE: no authentication check LDAP: LDAP/AD based authentication KERBEROS: Kerberos/GSSAPI authentication CUSTOM: Custom authentication provider (Use with property hive.server2.custom.authentication.class) </description>

</property>

<property>

<name>datanucleus.autoCreateTables</name>

<value>True</value>

</property>

</configuration>

Step 6: Create a tmp folder right click-> properties-> security-> allow all the services

Step 7: Starting Hadoop Services

hdfs namenode -format

start-dfs, start-yarn

cd C:\Hive\apache-hive-3.1.2-bin\bin

cmd : hive --service schematool -dbType derby -initSchema

cmd: hive

Create the database, create table

start a new cmd prompt as admin and start the derby

StartNetworkServer -h 0.0.0.0

Starting Apache Hive