1. Ensure that hadoop, hive and spark are installed on our VM / system.

2. Copy the hive-site.xml file from $HIVE\_HOME/conf to $SPARK\_HOME/conf

3. Add the following properties to hive-site.xml on spark side :

<property>

<name>hive.metastore.uris</name>

<value>thrift://localhost:9083</value>

<description>password for connecting to mysql server</description>

</property>

4. Add the attached code() to your Scala IDE project

4a change the scala compiler to 2.11

4b add spark-sql jar from spark library

4c.add all Hbase jar from hbase library

5. Make sure that your hadoop is started

6. Start hive meta store by executing hive --service metastore command.

7. Run the code from the IDE. You should be able to see all the hive databases.