**Hbase Assignment 1 - Task 3:**

Create a table album in hive with the following data

**1st table in hive:**

create table Albumindhu(Rowkey String,singer STRING,song STRING,duration string,musicdirector string) row format delimited fields terminated by ',' TBLPROPERTIES ("skip.header.line.count"="1");

load data local inpath 'Albumindhu.csv' into table Albumindhu;

Select \* from Albumindhu;

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InHBase:

create "indhudb:Album","info"

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**2nd table in hive:**

CREATE TABLE HBase\_Albumindhu(rowkey String,singer STRING, song STRING,duration string,musicdirector string,)

STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'

WITH SERDEPROPERTIES ('hbase.columns.mapping'=':key,info:singer,info:song,info:duration,info:musicdirector')

TBLPROPERTIES ('hbase.table.name'='indhudb:Album');

insert overwrite table HBase\_Albumindhu select \* from Albumindhu;

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select \* from HBase\_Albumindhu;

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**In HBase Terminal:**

List\_namespace\_tables ‘indhudb’

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**Scan ‘indhudb:Album’**

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1. **getall songs sung by a singer**

scan "indhudb:Albumindhu",{COLUMN=>['info:singer','info:song']}

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2.Which singer sung for music director AK and what were the songs

scan 'indhudb:Album', {COLUMNS=>['info:singer','info:song','info:musicdirector'],FILTER => SingleColumnValueFilter.new(Bytes.toBytes('info'), Bytes.toBytes('musicdirector'),CompareFilter::CompareOp.valueOf('EQUAL'),BinaryComparator.new(Bytes.toBytes('AK')))}

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