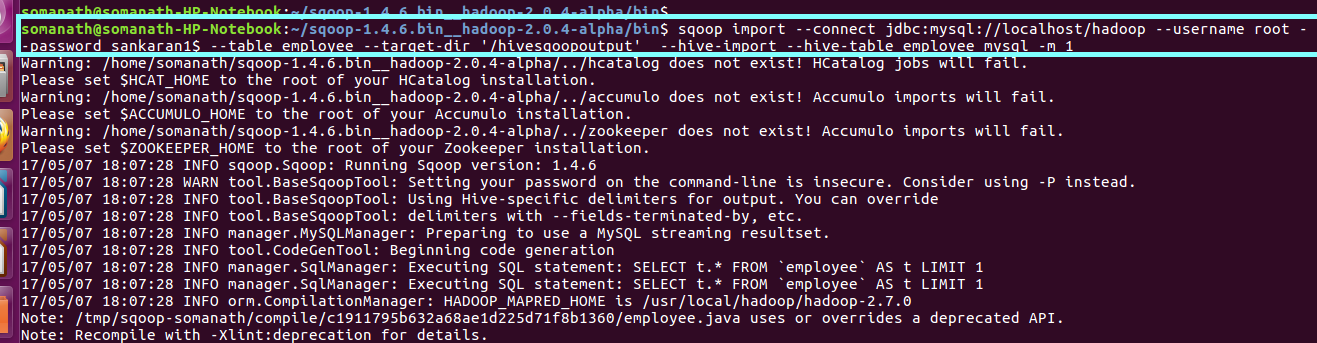
**As we know sqoop is a tool used for transferring data from RDBMS(like Mysql,Oracle) to Hadoop components**

**1.Explain and perform Importing table contents from Mysql to Hive using Sqoop.**

**Here I am going to import a table “employee” from Mysql to Hive**

**The advantage of using Sqoop is that we don’t want to have the table in Hive Instead sqoop will directly create a table and populate the data based on metadata**

**SQOOP COMMAND TO DO IMPORT AND ITS EXPLANATION**

****

**Sqoop import-import is used when we are importing data from rdbms to Hadoop ecosystem**

**--connect -> It is used to give the JDBC Url of database**

**--Username🡪user name of database**

**--password🡪password of database**

**--table 🡪 give the table you want to copy from MySql**

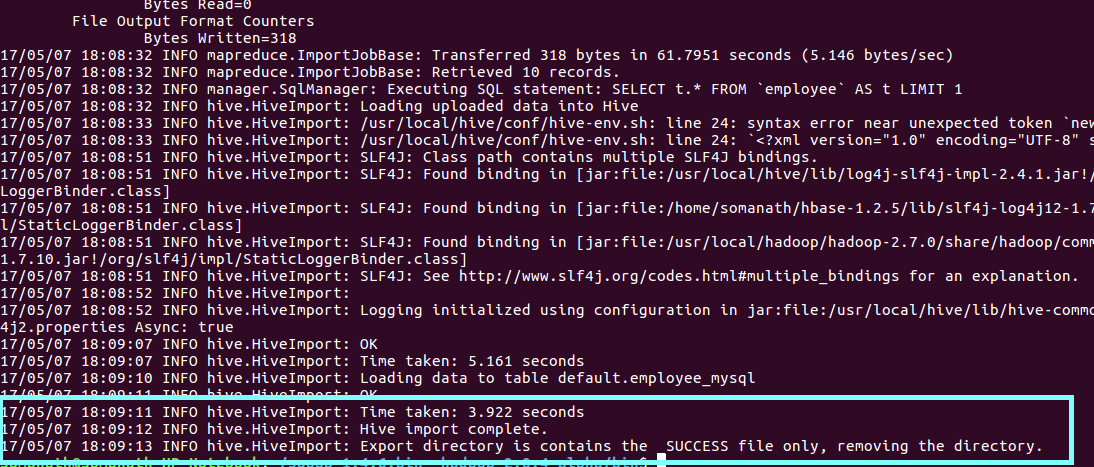
**--target-dir🡪 temporary target directory used by Sqoop for transferring which will be deleted after the import is finished**

**--hive-import🡪 Indicating a hive import**

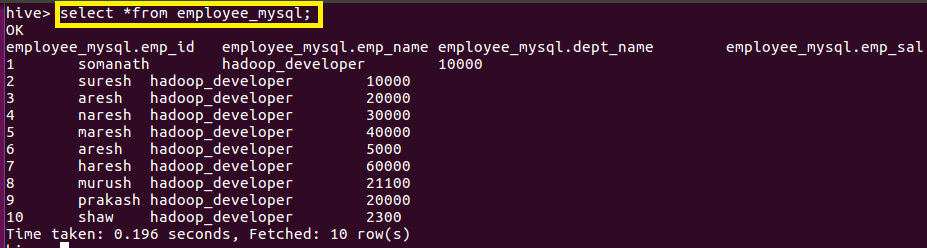
**--hive-table🡪table which will be created and on which data will be written(in our case employee-mysql)**

**-m1🡪number of mappers that should run**

**From the below picture the table is successfully imported to Hbase**

****

**Output verification**

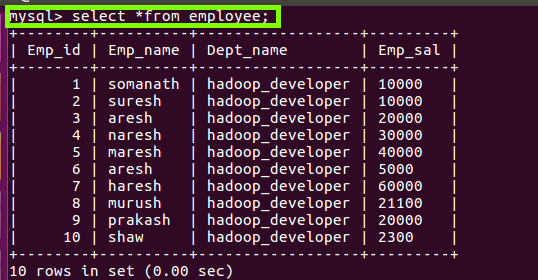
****

**2.Explain and perform Importing table contents from Mysql to HBase using Sqoop.**

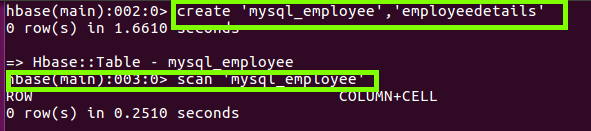
**Here I am going to import the table employee from Mysql to Hbase**

**Input Data in M ysql**

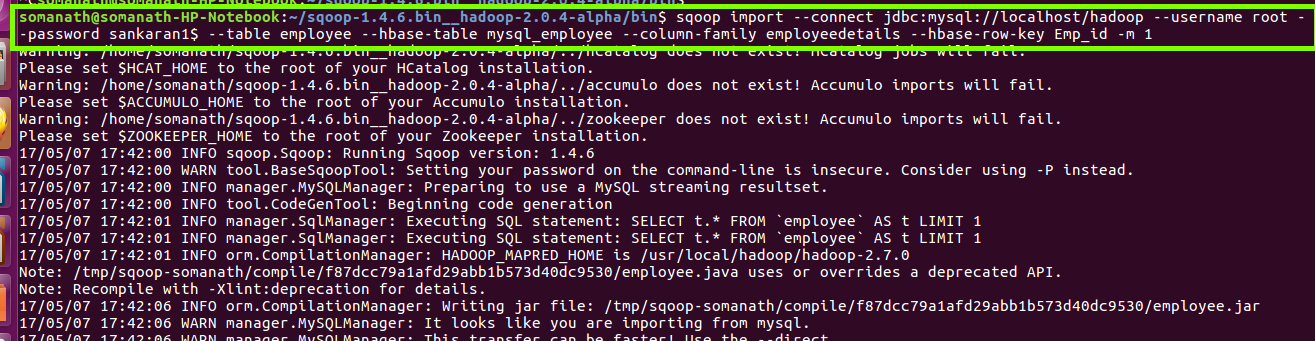
**I am going to Import the following table into Hbase**

****

**First I will create the target table in Hbase as mysql\_employee and give column family as employee details so that It can be imported to that table**

****

**SQOOP COMMAND TO DO IMPORT AND ITS EXPLANATION**

****

**Sqoop import-import is used when we are importing data from rdbms to Hadoop ecosystem**

**--connect -> It is used to give the JDBC Url of database**

**--Username🡪user name of database**

**--password🡪password of database**

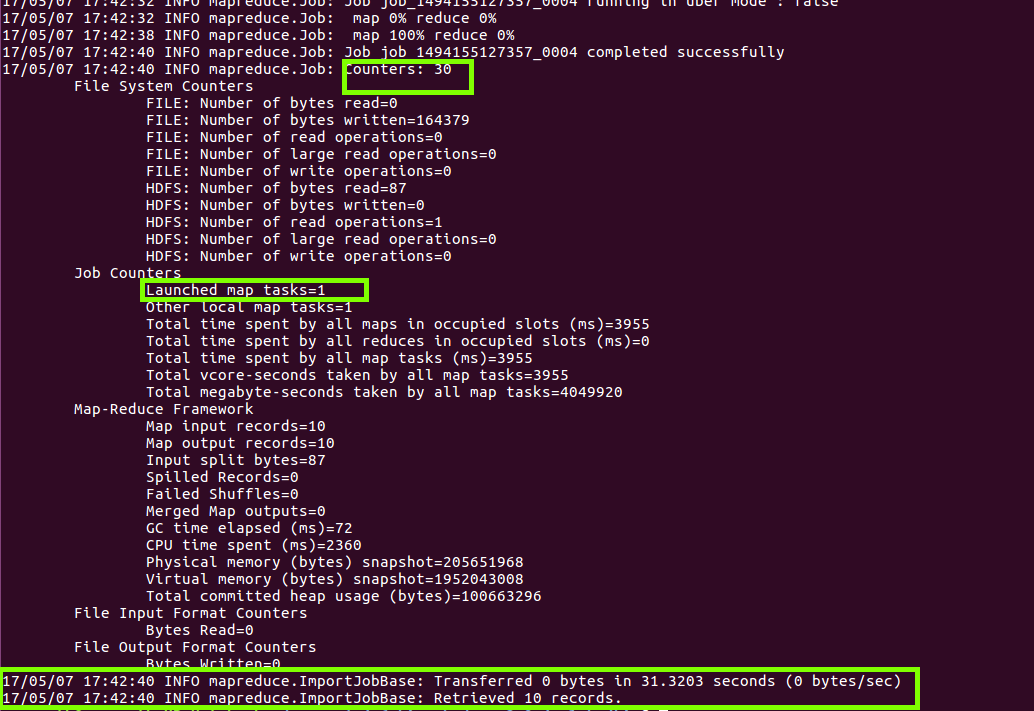
**--table 🡪 give the table you want to copy from MySql**

**--hbase-table🡪 the table in Hbase where It should be copied(here it is Mysql\_employee)**

**--column family🡪given the column family as employedetails**

**--hbase-rowkey 🡪which column should be taken as rowkey**

**-m1🡪number of mappers that should run**

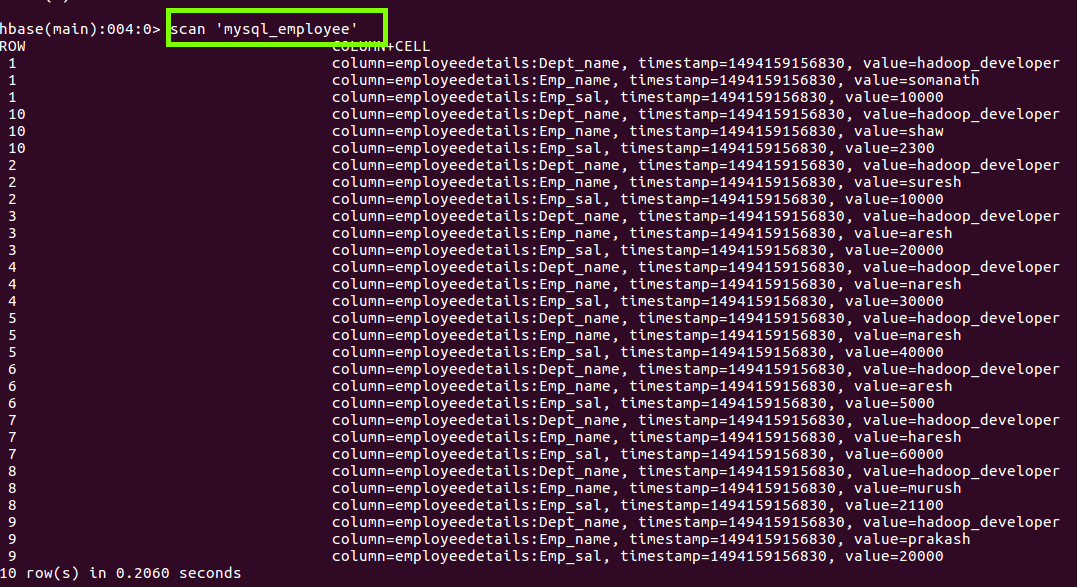
****

**From the above picture the table is successfully imported to Hbase**

**Output verification**

**It can be verified by using scan as shown below**

**We can see that the table is imported into HBase using sqoop with empid as rowkey**

****