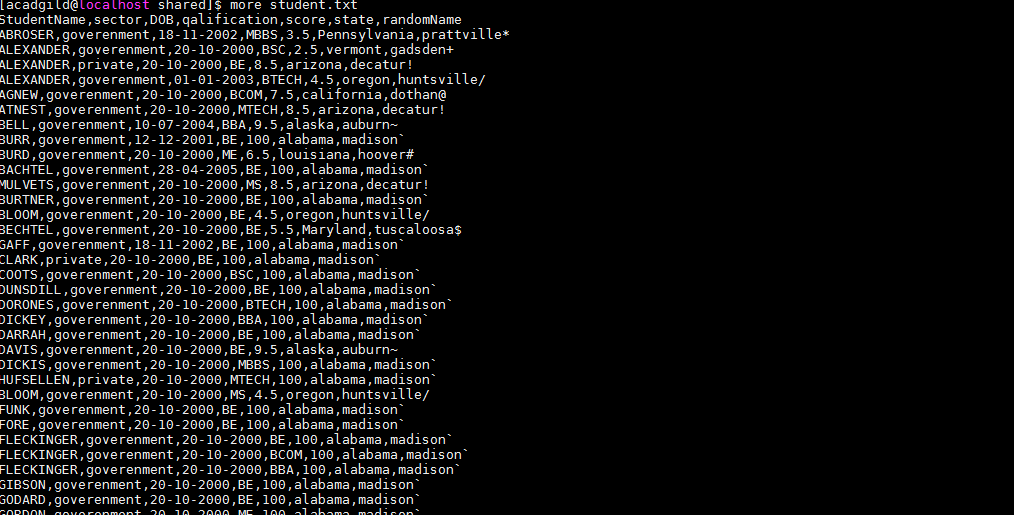
**Loading Data into HBase using Pig Scripts**

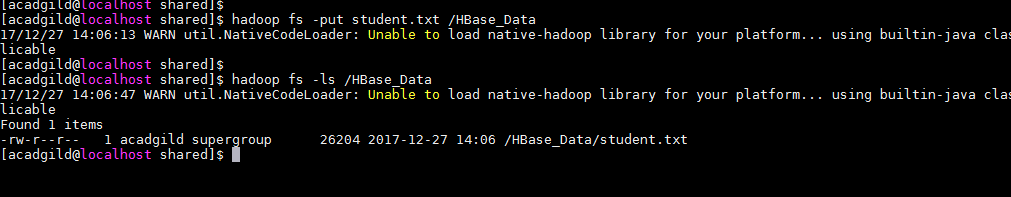
1. We will be using student Dataset for loading data into HBase using Pig, Below are columns in the Dataset :

StudentName, sector, DOB, qualification, score, state, randomName.



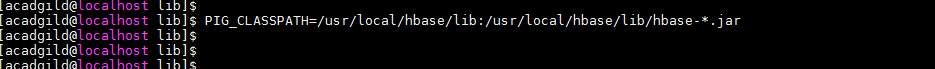
1. Copy the Dataset into HDFS which will be further loaded into HBase.

**hadoop fs -put student.txt /HBase\_Data**



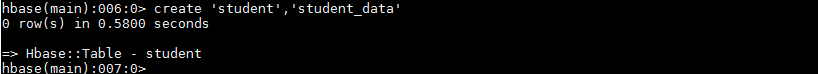
1. Include few jar files of HBase to Pig Classpath

**PIG\_CLASSPATH=/usr/local/hbase/lib:/usr/local/hbase/lib/hbase-\*.jar**



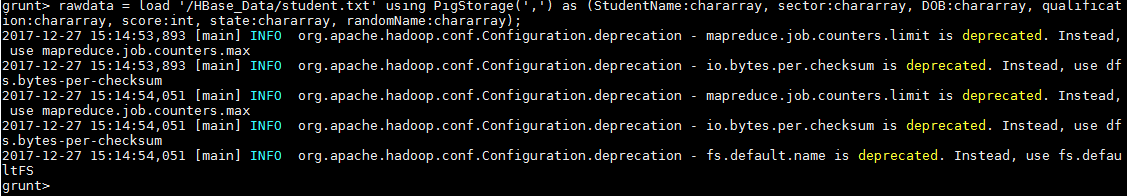
1. Start HBase shell and create a table student

**create 'student','student\_data'**



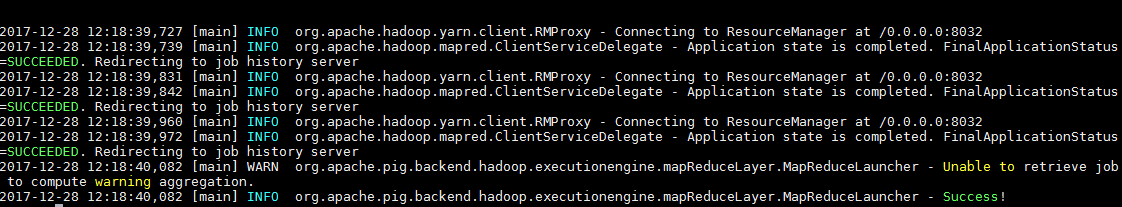
1. After creating table exit from hbase shell and switch to pig grunt shell. Now load the data from HDFS to pig Alias relation.

**rawdata = load '/HBase\_Data/student.txt' using PigStorage(',') as (StudentName:chararray, sector:chararray, DOB:chararray, qualification:chararray, score:int, state:chararray, randomName:chararray)**



1. Now using the STORE command load the data inside the HBase table

**STORE rawdata INTO 'hbase://student' USING org.apache.pig.backend.hadoop.hbase.HBaseStorage('student\_data:StudentName,student\_data:sector,student\_data:DOB,student\_data:qualification,student\_data:score,student\_data:state,student\_data:randomName')**



1. Now check the data in HBase table

**scan 'student'**

