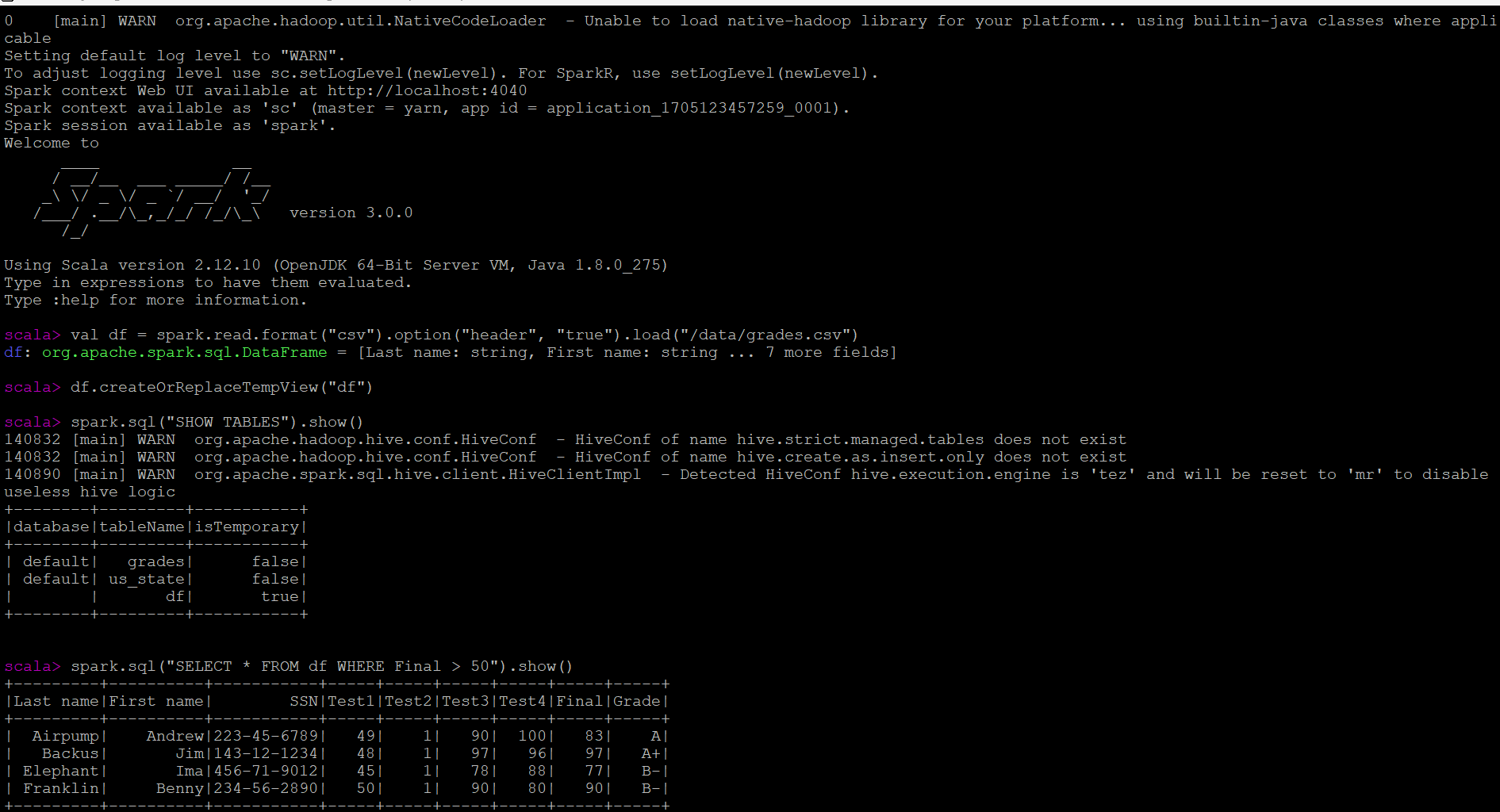
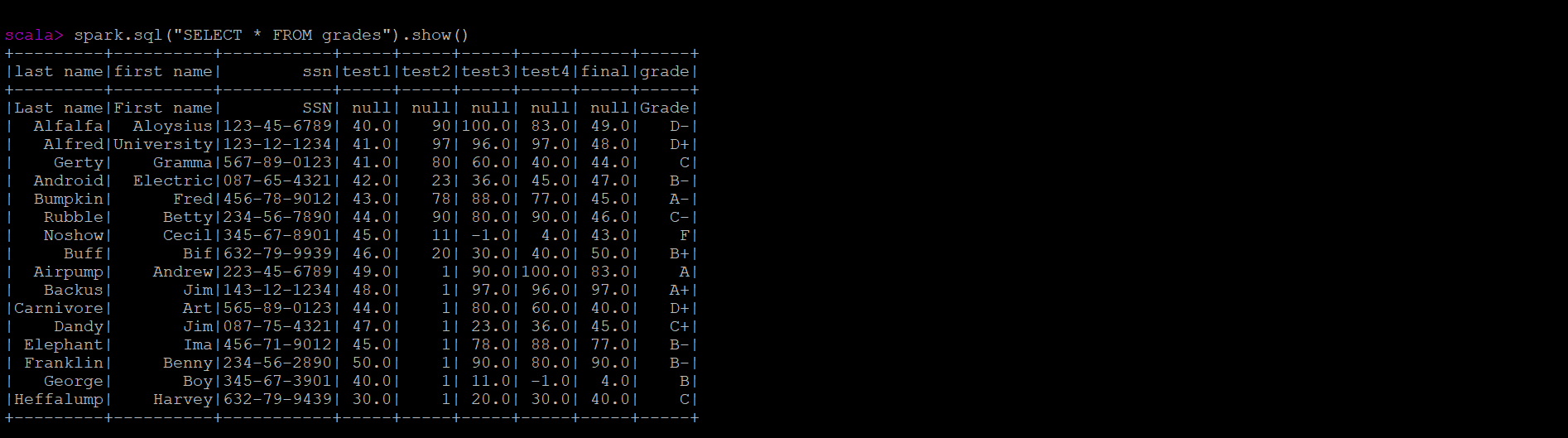
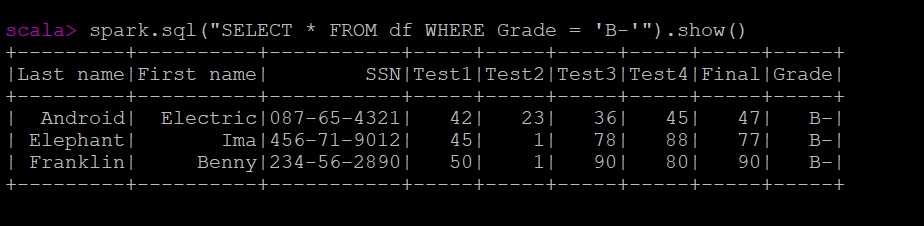
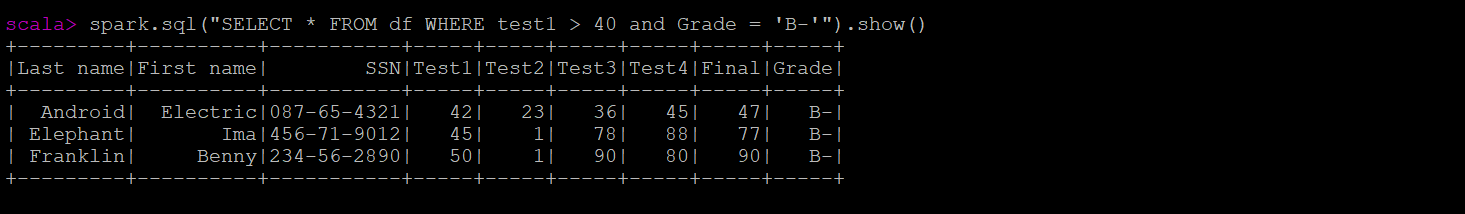
**SparkSQL with Scala and Screenshot of the results obtained from the SparkSQL commands in Scala. :**

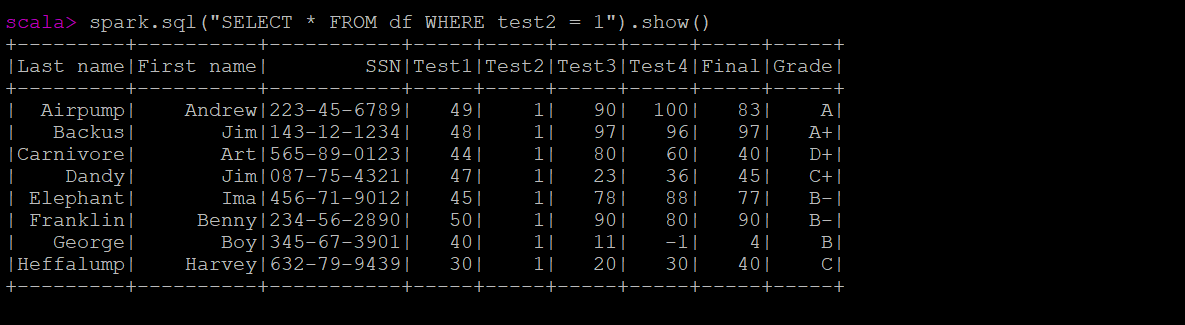




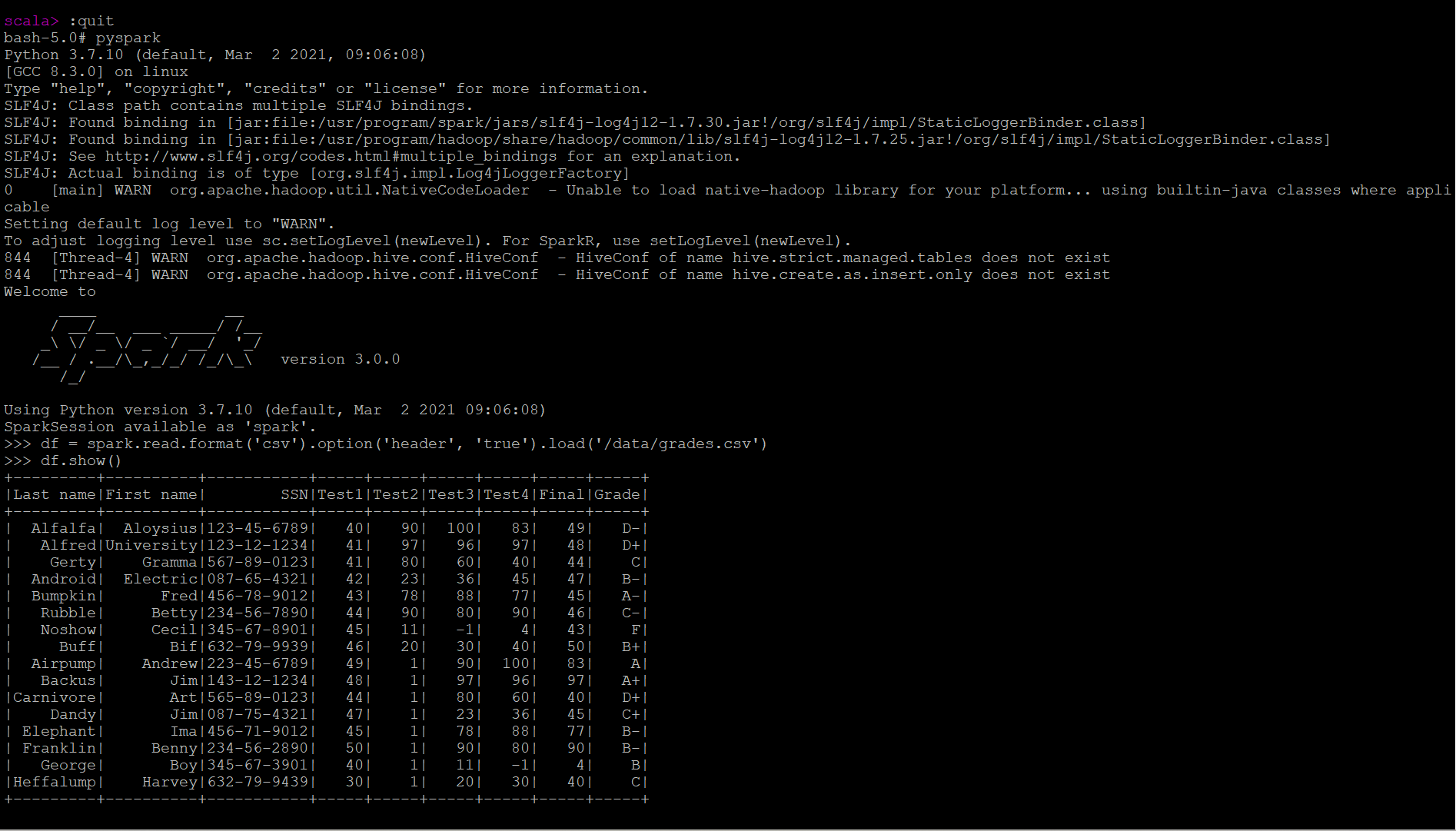
**Screenshot of your 3 other SQL query results:**

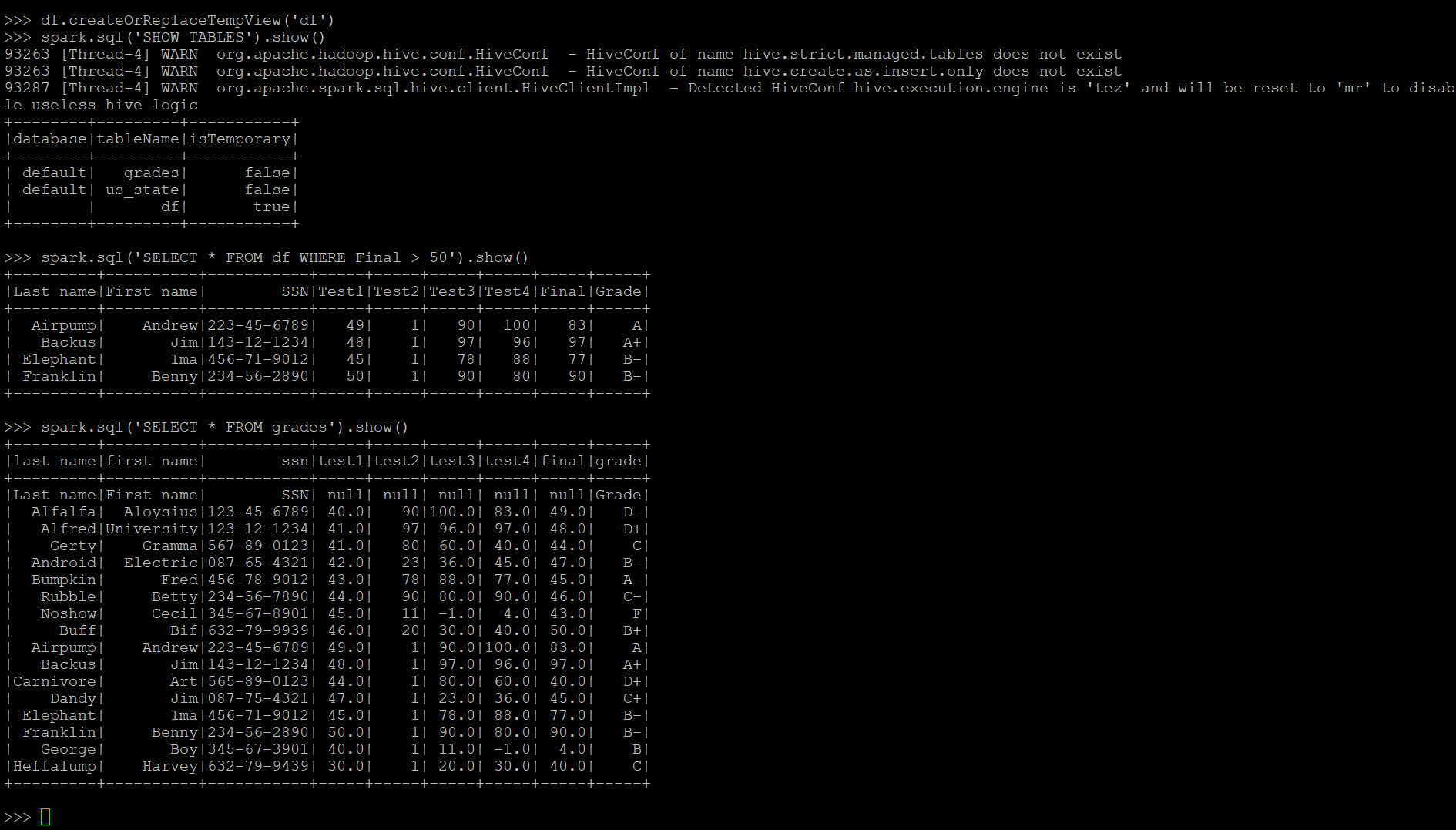




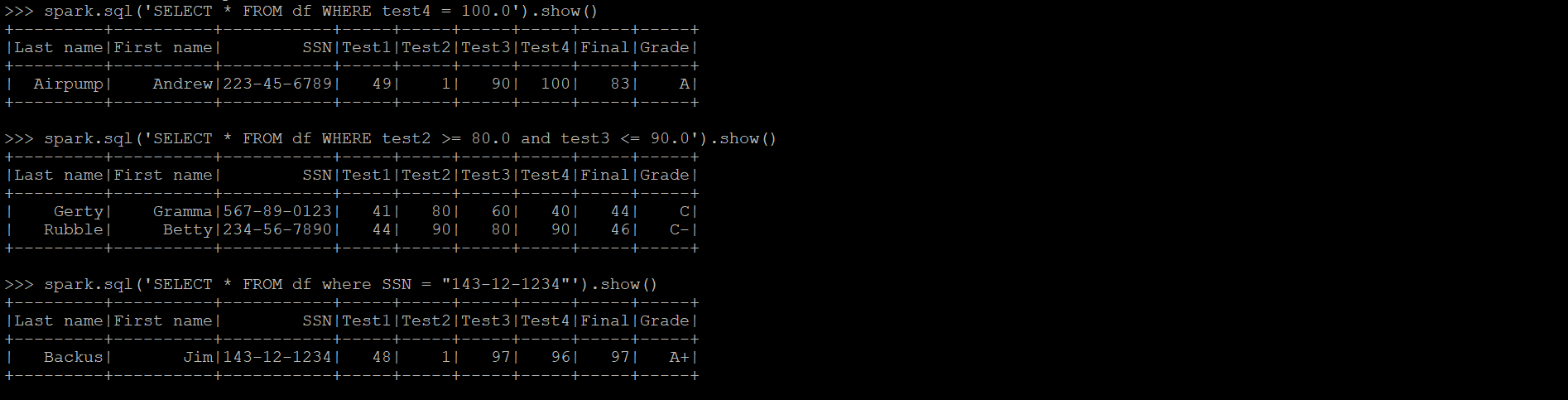


**Screenshot of the results obtained from the SparkSQL commands in Python :**





**Screenshot of your 3 other SQL query results:**



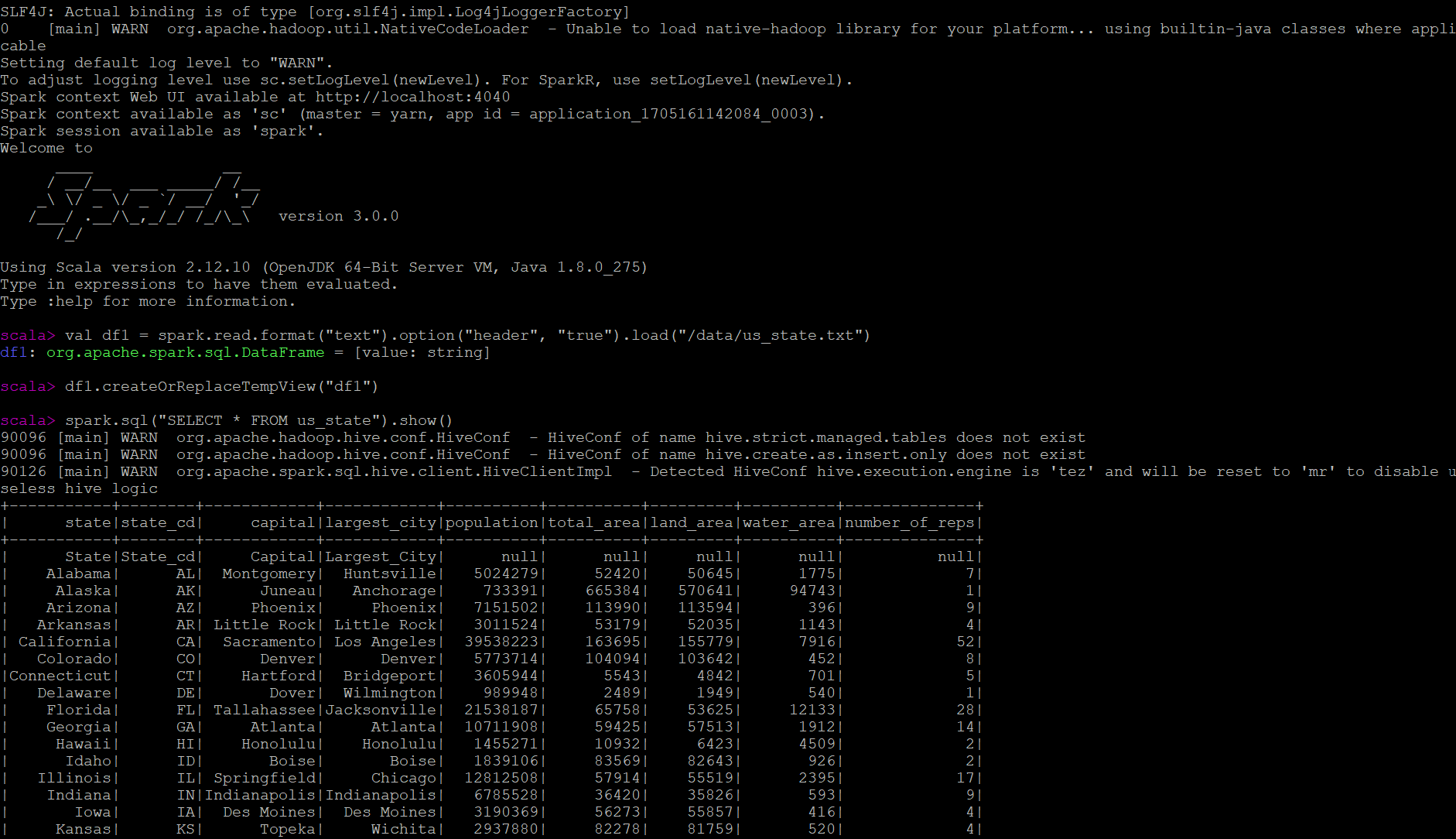
**SparkSQL with Custom Data Set from week-3 :**

val df1 = spark.read.format("text").option("header", "true").load("/data/us\_state.txt")

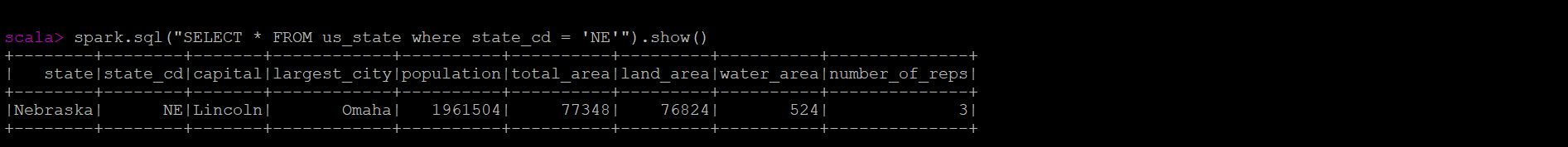
df1.createOrReplaceTempView("df1")

spark.sql("SHOW TABLES").show()

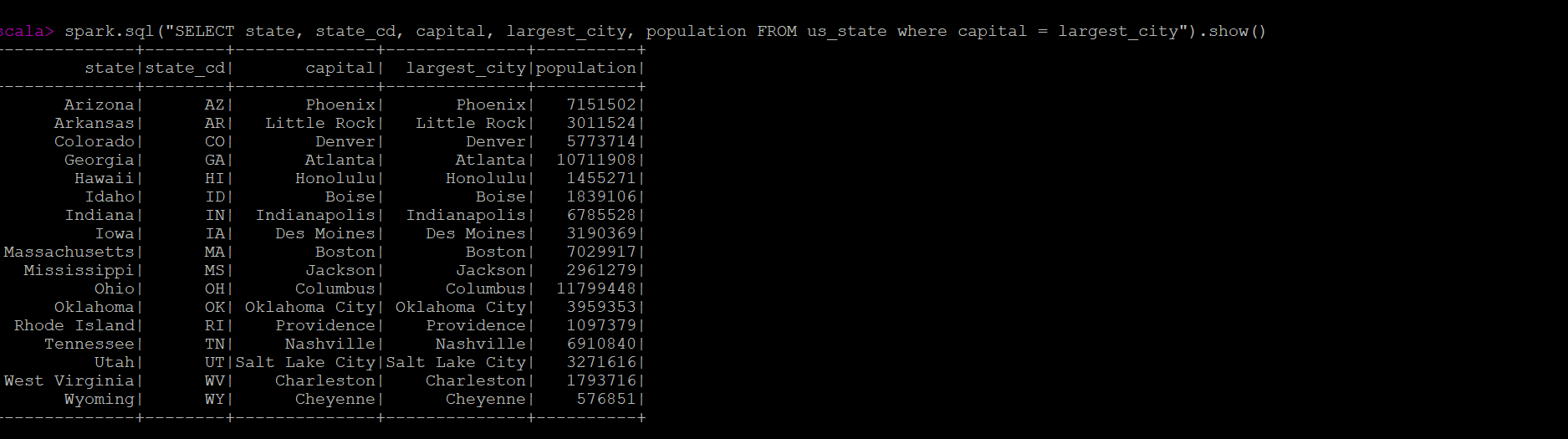
spark.sql('SELECT \* FROM us\_state').show()



Screenshots of 1st select statement from us\_state table to select all columns where state\_cd = ‘NE’;



Screenshots of 2nd select statement from us\_state table to select State, State\_cd, Capital, Largest\_City, Population, Number\_of\_Reps where Capital and Largest\_City is same ;



Screenshots of 3rd select statement from us\_state table to select all columnswhere Number\_of\_Reps >= 10;

