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

```
[main] MADN org.apache.hadoop.util.NativeCodeLoader - Unable to load native-hadoop library for your platform... using builtin-java classes where applicable of the MADNET of the MADNET of the Manual Process of the Madnet of the Madnet of the Manual Process of the M
```

Screenshot of your 3 other SQL query results:

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

```
beals-10# pyppark
Pythos 3.10 m [anut.]
Pythos 4.10 m [anut.]
Pythos 5.10 m [anut.]
Pythos 6.10 m [anut.]
Pythos 7.10 m [anut.]
Pyth
```

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()
```

```
SIMON; Actual binding is of type [org.slf4].impl.Log4]LoggerFactory]

Sahin main] WARN cry.apache.hadop.util.NativeCodeLoader - Unable to load native-hadoop library for your platform... using builtin-java classes where application and the property of the plant of t
```

Screenshots of 1st select statement from us_state table to select all columns where state_cd = 'NE';

```
ccala> spark.sql("SELECT * FRGM us_state_where state_od = "NE").show()

| state|state_od|capital|largest_city|population|total_area|land_area|water_area|number_of_reps|
|Nebraska| NE|Lincoln| Omaha| 1961504| 77348| 76824| 524| 31
```

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;

```
| state|state_cd| capital| largest_city|population|total_area|land_area|vater_area|number_of_reps| |
| state|state_cd| capital| largest_city|population|total_area|land_area|vater_area|number_of_reps|
| california| CA| Sacramento| Los Angeles| 39538231 | 163695 | 1557791 | 7916 | 52 |
| Florida| Fit_Fitalhanasee| Jacksomotile| 52 | 55805 | 55255 | 121331 | 28 |
| Georgia| GA| Atlanta| Atlanta| 10711908| 59425 | 57513 | 1912 | 14 |
| Illinois| ILlispringfield| Chicago| 12812508| 7914| 55519| 2995 | 17 |
| Michigan| MI| Lansing| Detroit | 10077331| 96714| 56539| 40175 | 13 |
| New Jorsey| MJ| Trenton| Newark| 9288994| 8723| 7354| 1368| 12 |
| New Jorsey| MJ| Trenton| Newark| 9288994| 8723| 7354| 1368| 12 |
| North Carolina| MC| Saleigh| Charlotte| 1043338| 583819| 48019| 5015 | 14 |
| Rennsylvania| FR| Marrishurg| Philadelphia| 13002700| 46054| 44743| 1312| 77 |
| Pennsylvania| FR| Marrishurg| Philadelphia| 13002700| 46054| 44743| 1312| 77 |
| Virginia| VA| Richmond|Virginia| Seath| 8631393| 42775| 33490| 3285| 11 |
| Washington| WA| Olympia| Seattle| 7705281| 71298| 66456| 48421| 10 |
```