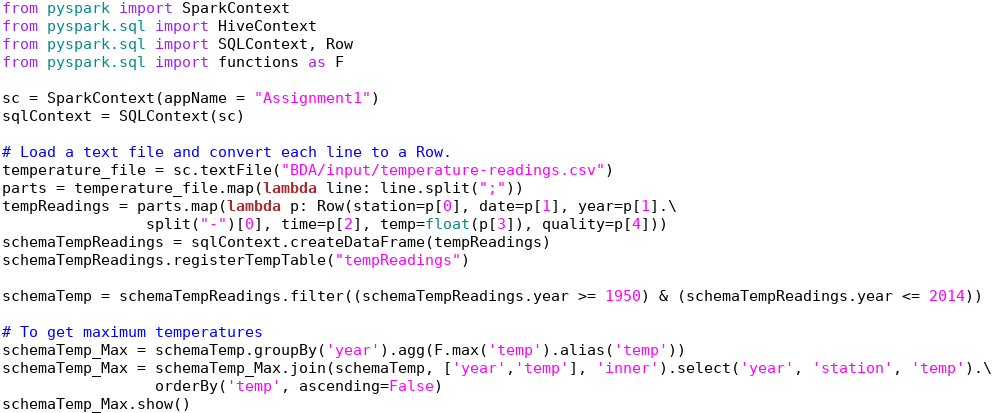
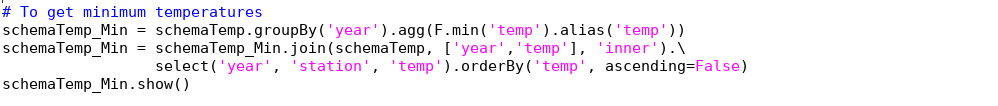
732A54: Big Data Analytics - Lab BDA2 – Spark SQL

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**Assignment-1:**

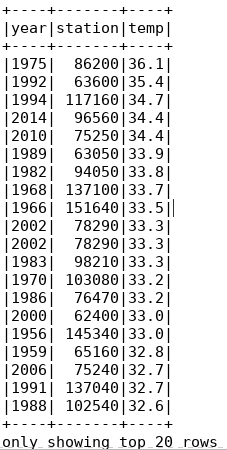
**Code:**

**Output:**

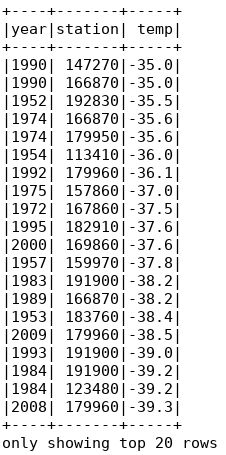
**## Maximum Temperatures**

year, station with the max, maxValue ORDER BY maxValue DESC



**## Minimum Temperatures**

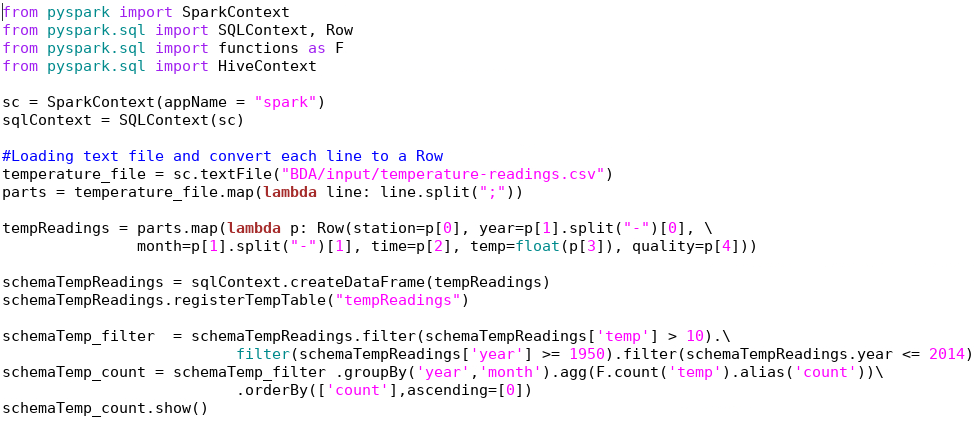
year, station with the min, minValue ORDER BY minValue DESC



**Assignment-2:**

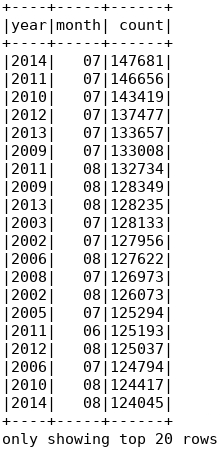
Count the number of readings for each month in the period of 1950-2014 which are higher than10degrees

**Code:**



**Output:**

year, month, value ORDER BY value DESC



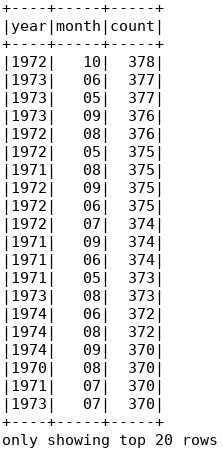
Taking only distinct readings from each station

**Code:**



**Output:**

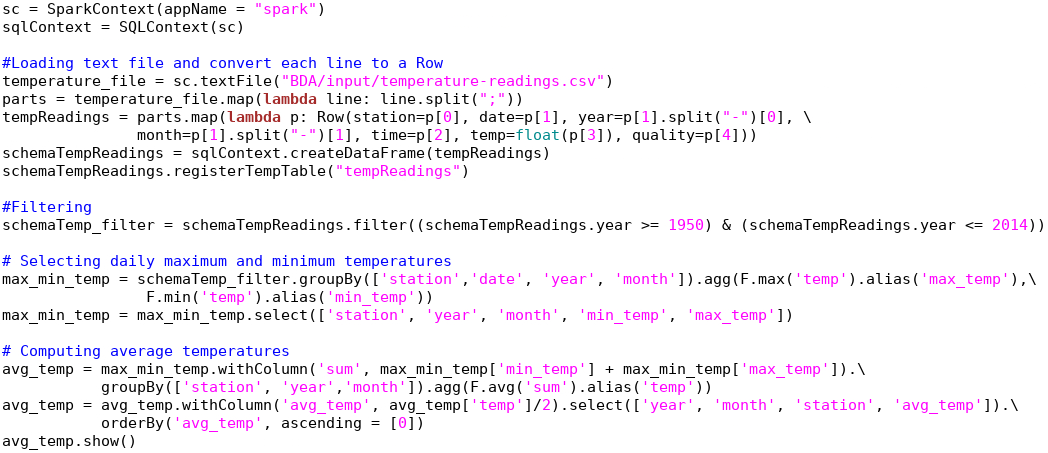
year, month, value ORDER BY value DESC



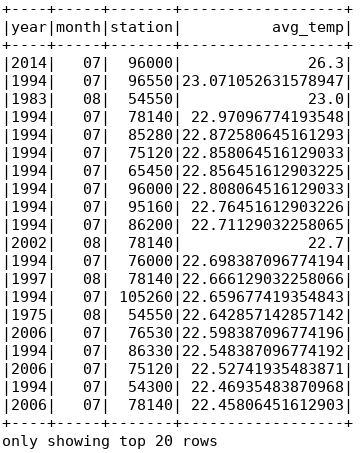
**Assignment-3:**

year, month, station, avgMonthlyTemperature ORDER BY avgMonthlyTemperature DESC

**Code:**



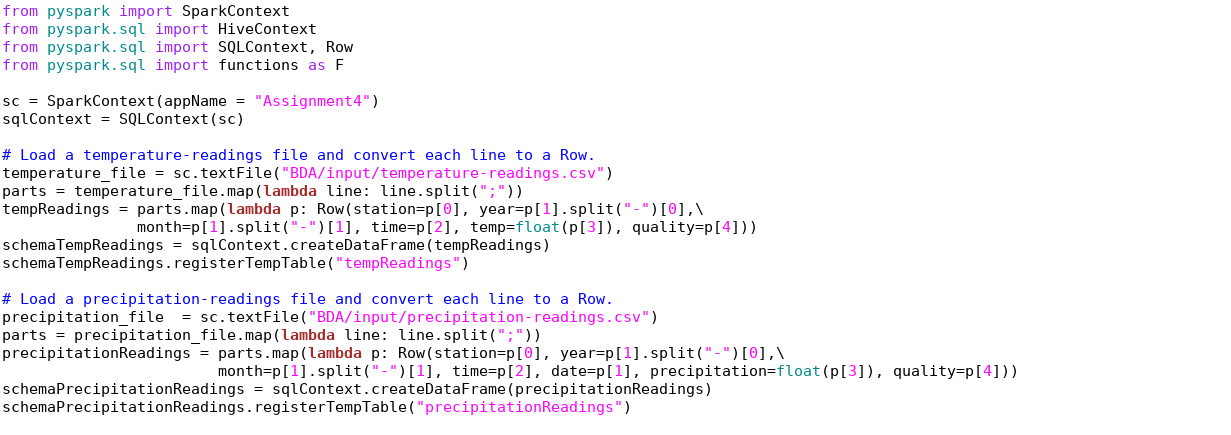
**Output:**

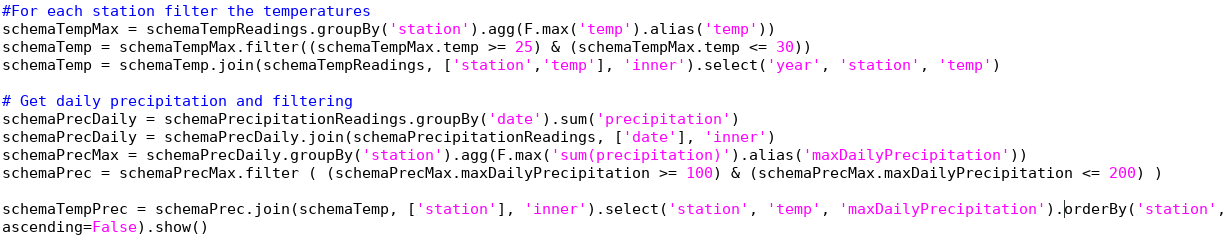


**Assignment-4:**

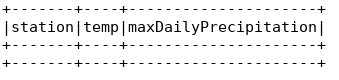
station, maxTemp, maxDailyPrecipitation ORDER BY station DESC

**Code:**



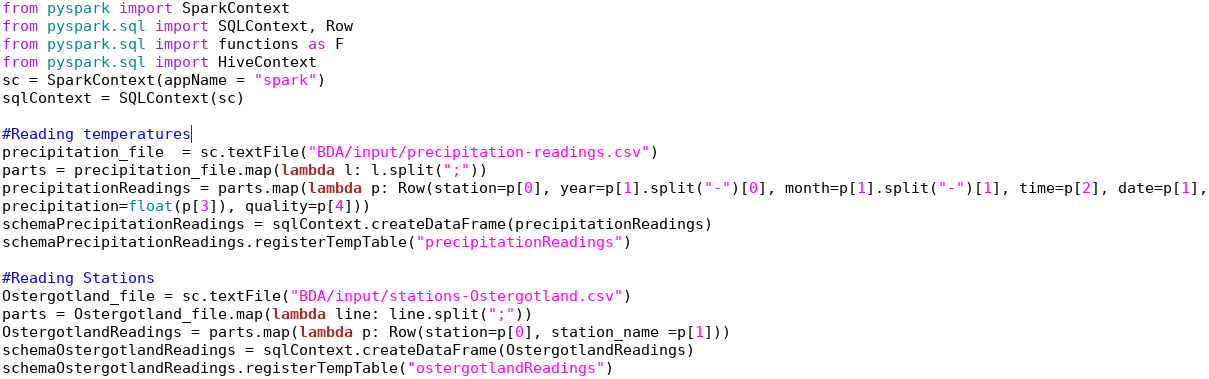


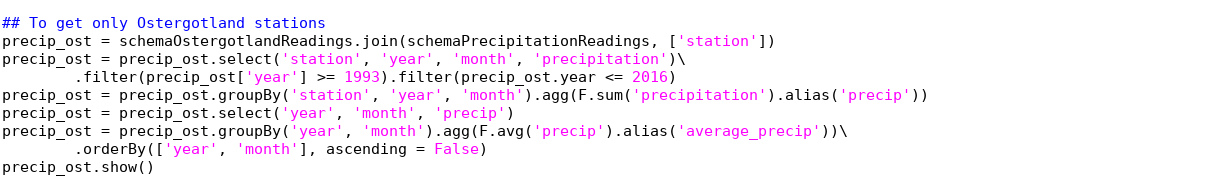
**Output:**



**Assignment-5:**

year, month, avgMonthlyPrecipitation ORDER BY year DESC, month DESC

**Code:**



**Output:**

