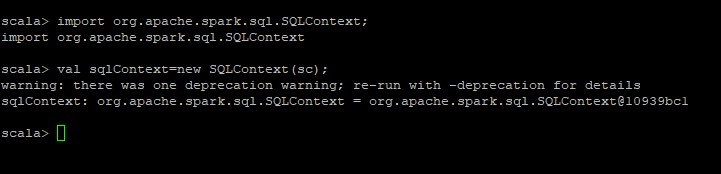
# Session 19 Assignment 1

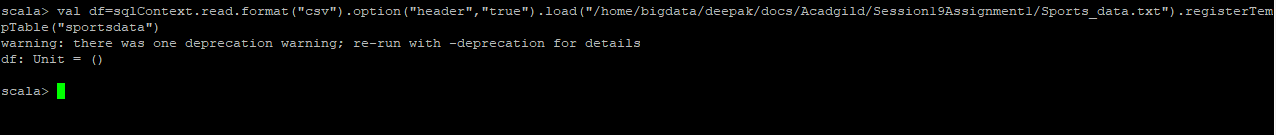
Problem 1 – What are the total number of gold medals every year

Import the required package.



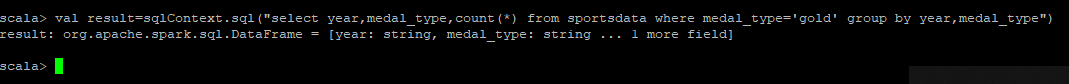
Read the input data file and convert it into a temp table.

val df=sqlContext.read.format("csv").option("header","true").load("/home/bigdata/deepak/docs/Acadgild/Session19Assignment1/Sports\_data.txt").registerTempTable("sportsdata")

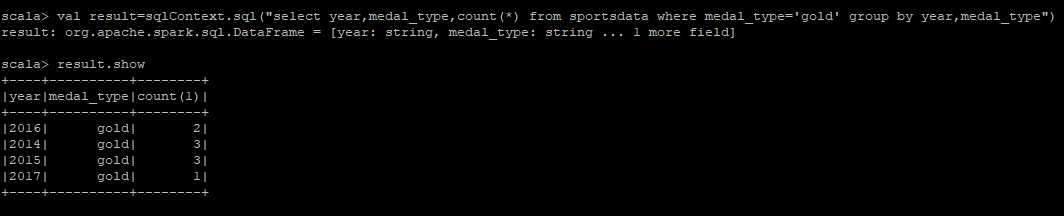


Now, execute the following SQL query to get the results.

val result=sqlContext.sql("select year,medal\_type,count(\*) from sportsdata where medal\_type='gold' group by year,medal\_type")

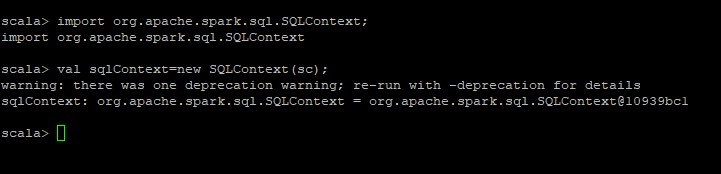


Display the output



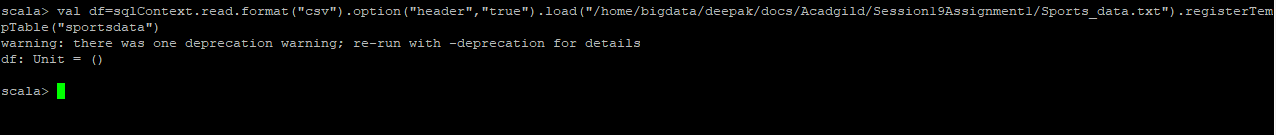
Problem 2 – What are the total number of silver medals have been won by USA in each sport?

Import the required package.



Read the input data file and convert it into a temp table.

val df=sqlContext.read.format("csv").option("header","true").load("/home/bigdata/deepak/docs/Acadgild/Session19Assignment1/Sports\_data.txt").registerTempTable("sportsdata")



Execute the following query to get the results.

val result=sqlContext.sql("select sports,count(medal\_type) from sportsdata where medal\_type='silver' and country='USA' group by sports")

Display the results.

