

Spark-Assignment

1. command to find number of black queen cards

```
Var blackcards=cards.filter(value =>values.contains("Black"). filter
(values=>values.contains("Q"))
```

blackcards.count()

```
C:\WINDOWS\system32>spark-shell
21/06/19 19:57:57 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
Spark context Web UI available at http://DESKTOP-BNVLGDS:4040
Spark context available as 'sc' (master = local[*], app id = local-1624112912756).
Spark session available as 'spark'.
Welcome to

  /\_/\
 /\_/\  version 2.4.8
 /\_/\

Using Scala version 2.11.12 (Java HotSpot(TM) 64-Bit Server VM, Java 1.8.0_291)
Type in expressions to have them evaluated.
Type :help for more information.

scala> var cards=sc.textFile("E:/Dipthi/largedeck.txt")
cards: org.apache.spark.rdd.RDD[String] = E:/Dipthi/largedeck.txt MapPartitionsRDD[1] at textFile at <console>:24

scala> var blackcards=cards.filter(value=>value.contains("BLACK")).filter(value=>value.contains("Q"))
blackcards: org.apache.spark.rdd.RDD[String] = MapPartitionsRDD[3] at filter at <console>:25

scala> blackcards.count()
res0: Long = 2097152

scala>
```