// ISIT312 Assignment3

// Student Name: Huaiying Shao

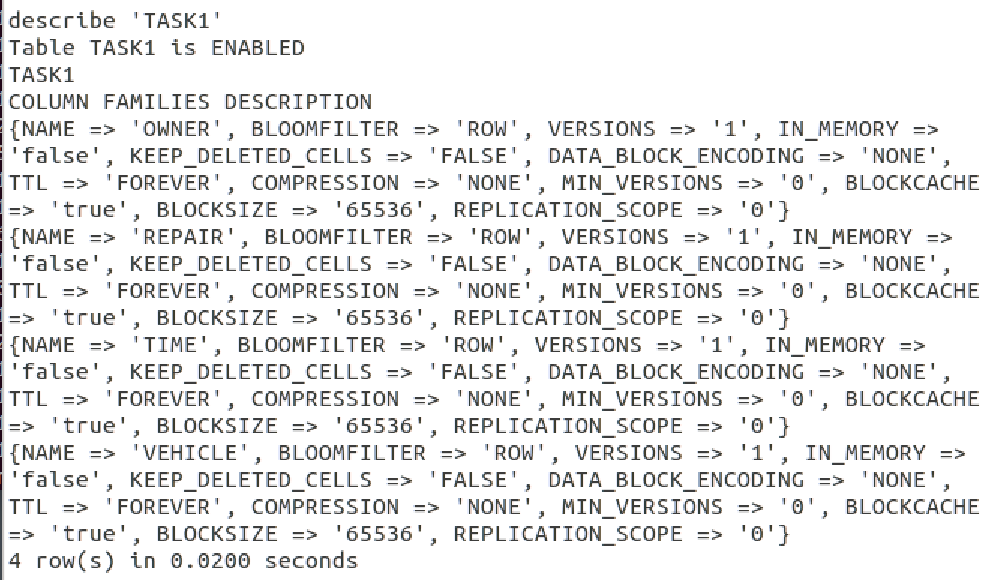
// UOW ID: 7910356

Task1

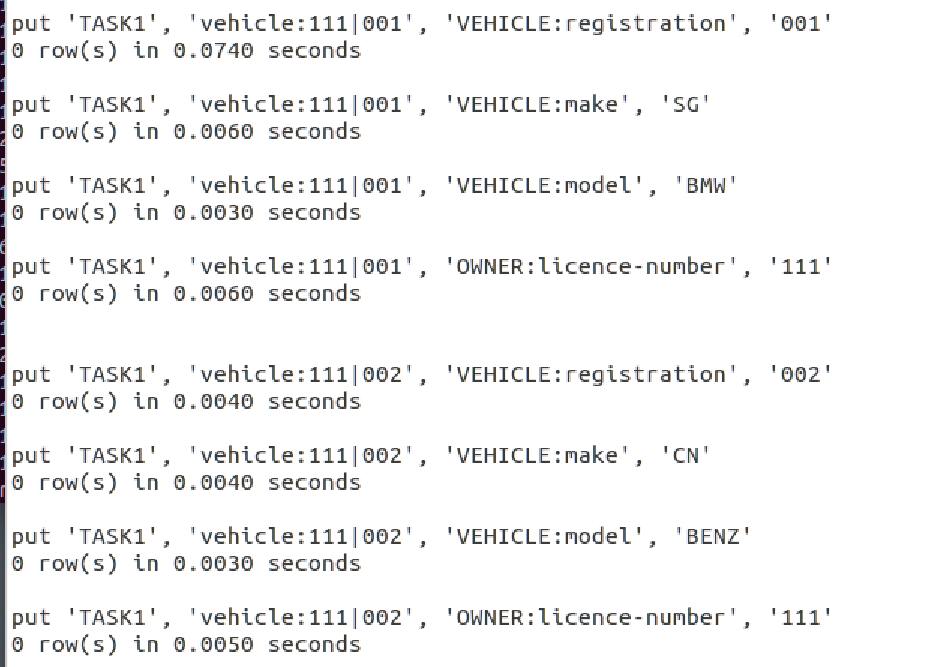
Create HBASE table:



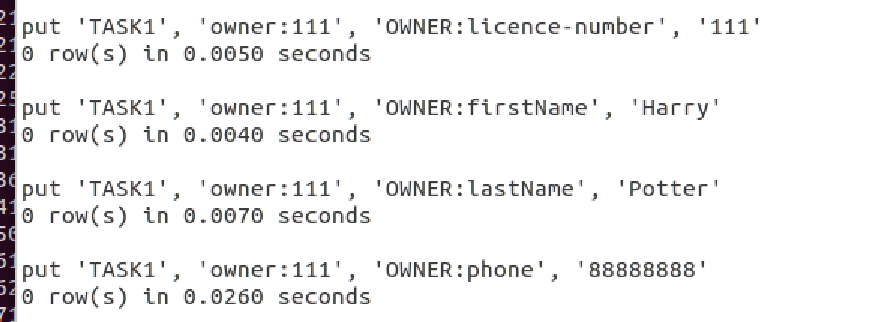
Describe the table schema:



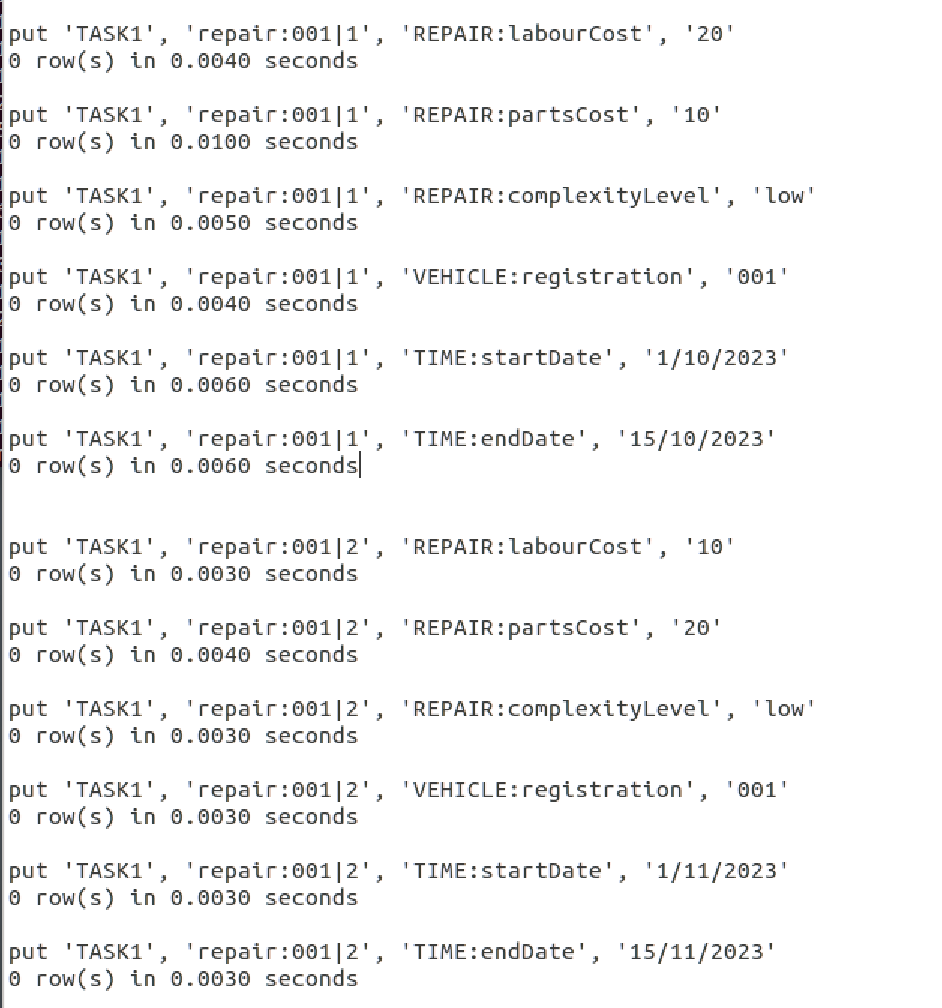
Load sample data into table, put two vehicle into ‘TASK1’:



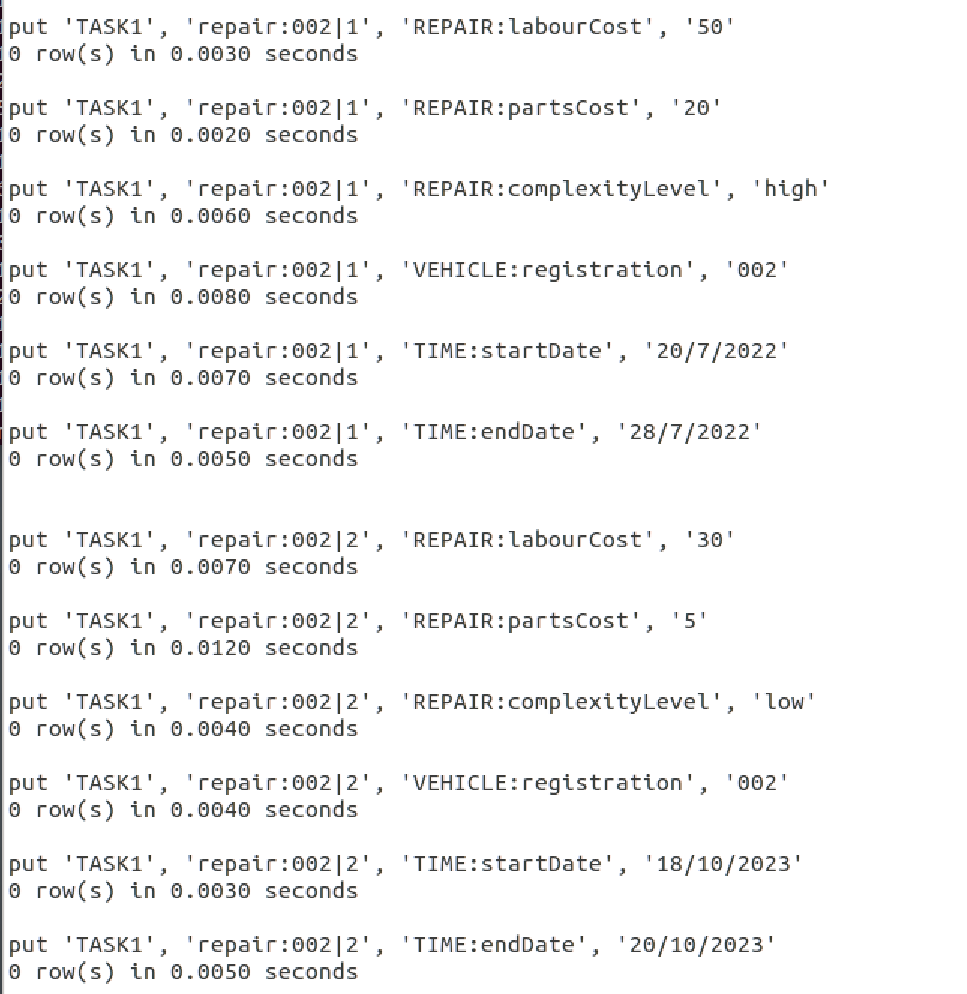
Put one owner into ‘TASK1’, the owner owns two vehicles:



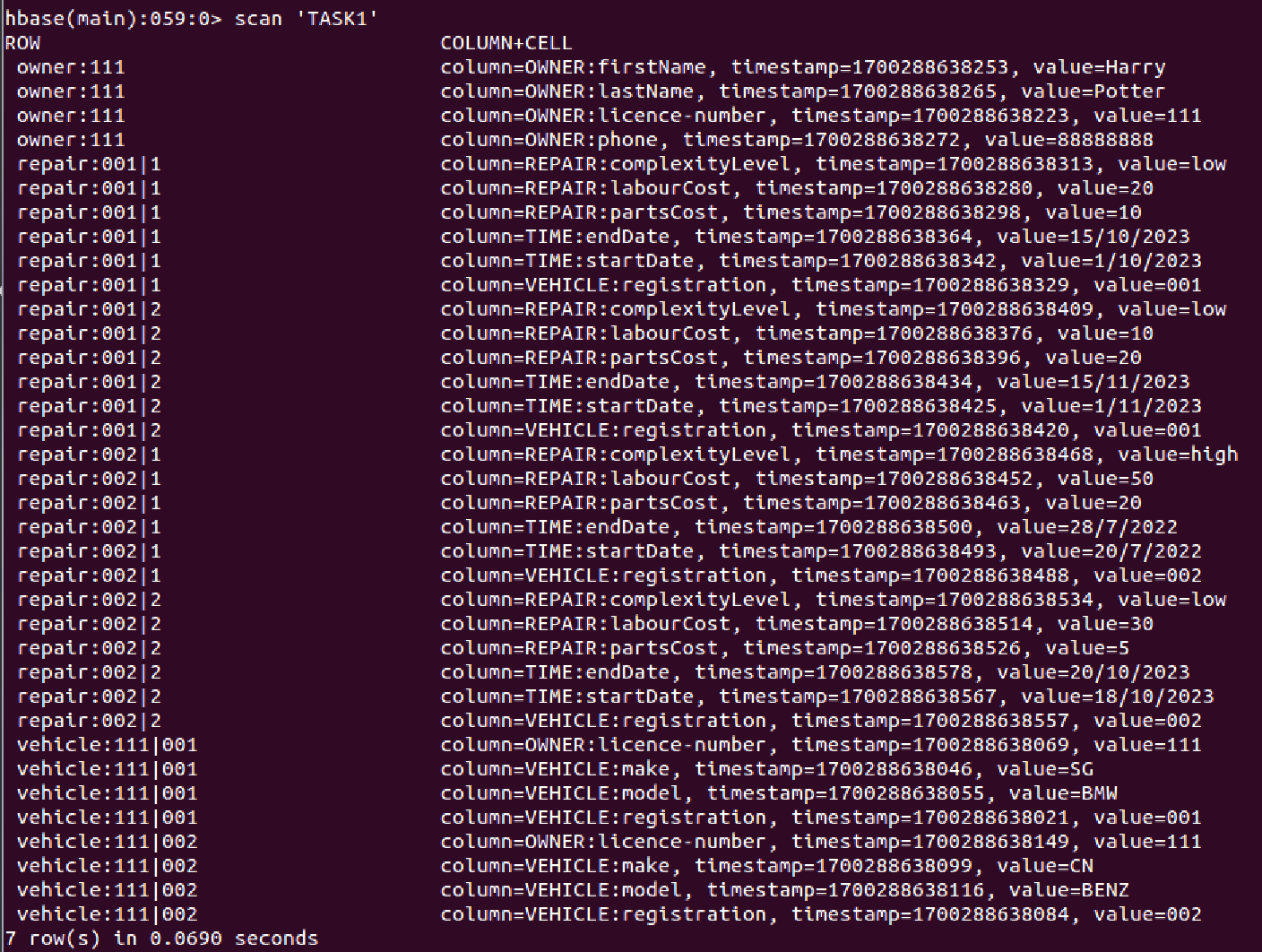
For each vehicle has two repair, insert two repair records for vehicle 001:



Insert two repair records for vehicle 002:

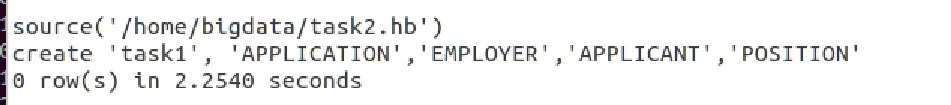


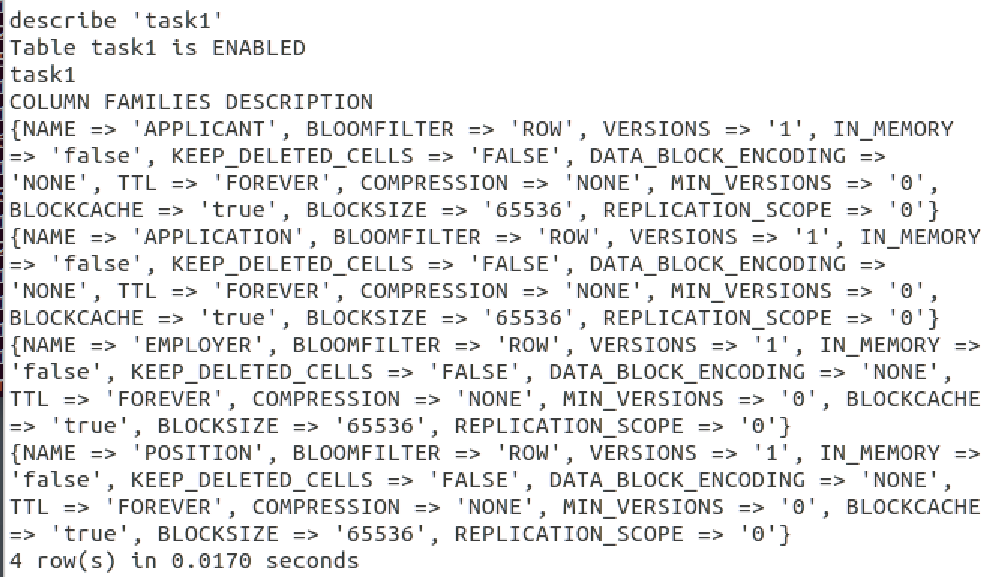
To scan table output:



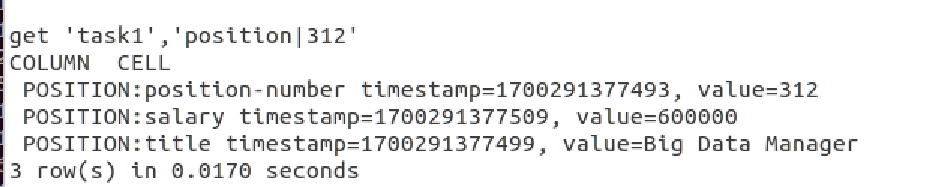
Task2

Processing script ‘task2.hb’ to create table:





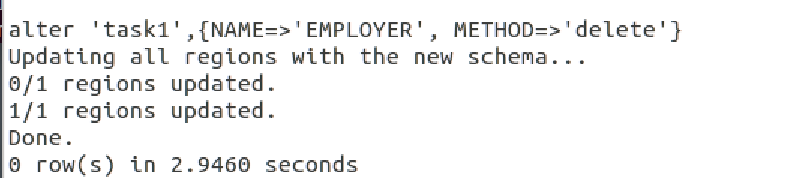
(1)



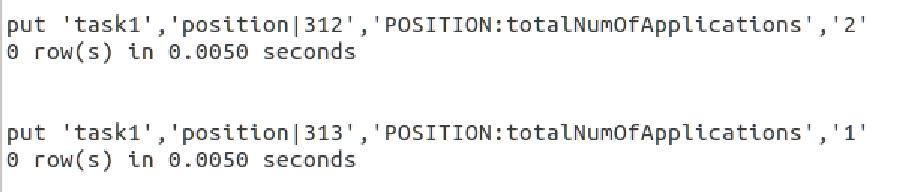
(2)



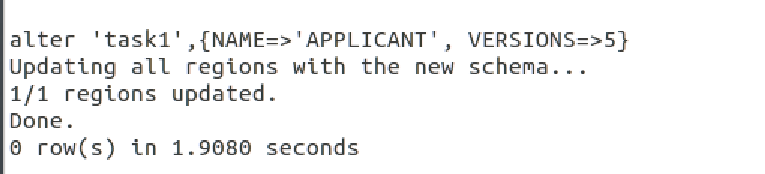
(3)



(4)

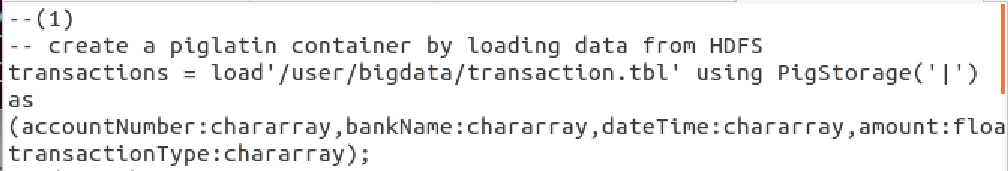


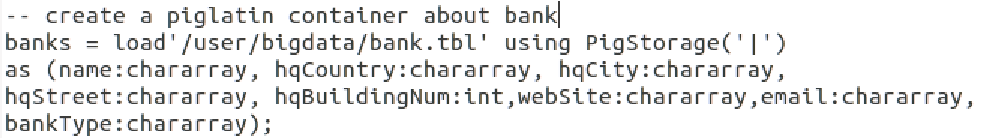
(5)

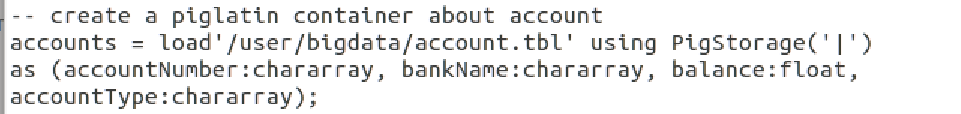


Task3

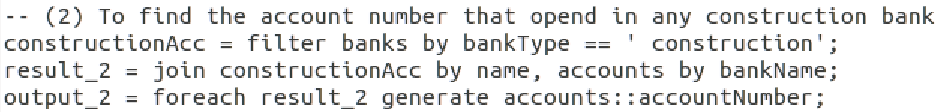
1. Transfer file into HDFS and create containers:

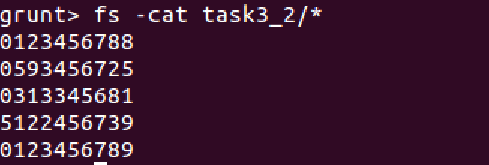




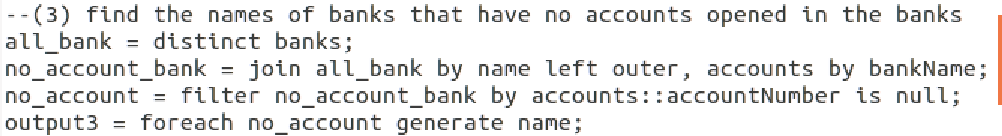


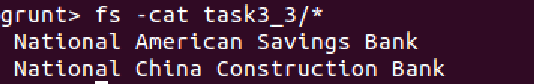
1. Statement & output:



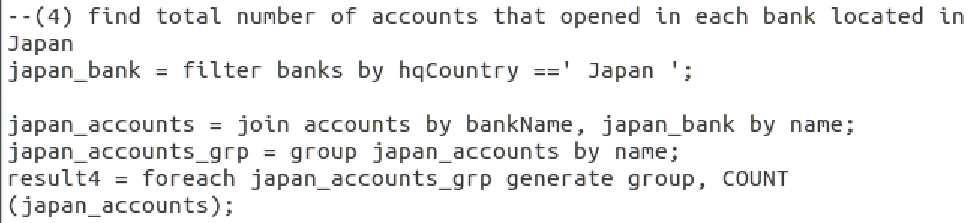


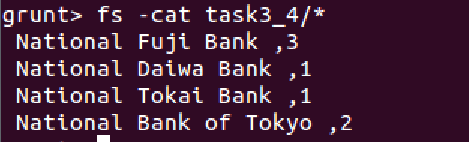
1. Statement & output:



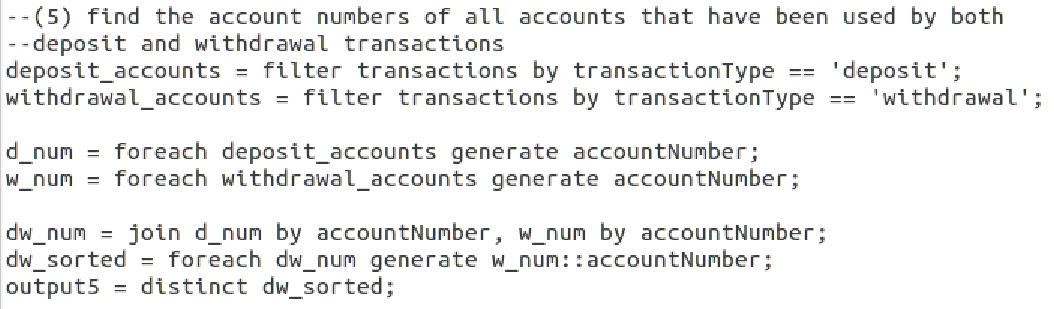


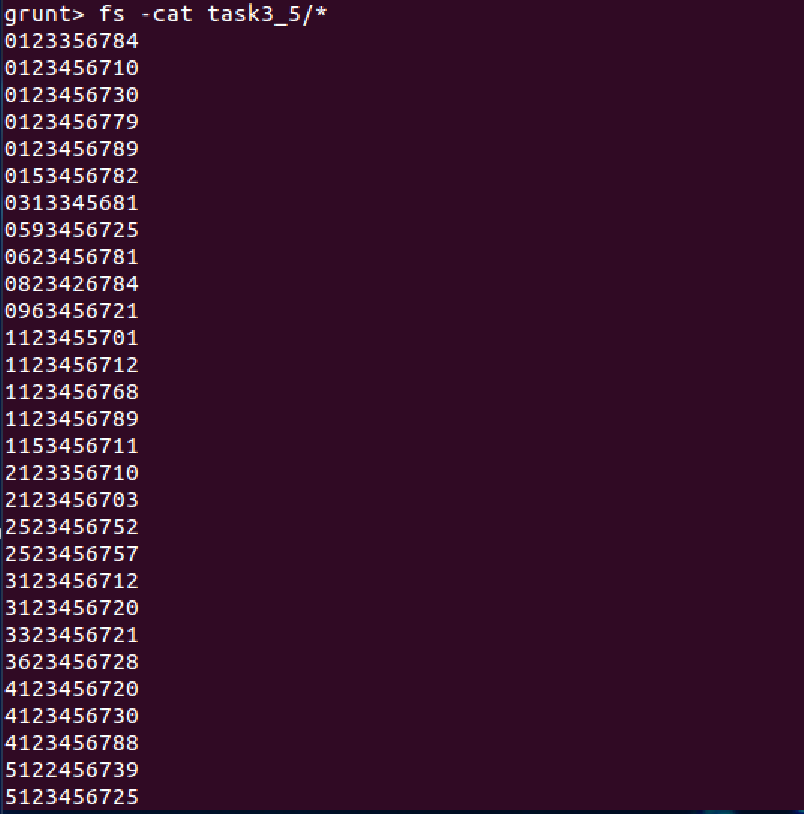
1. Statement & output:



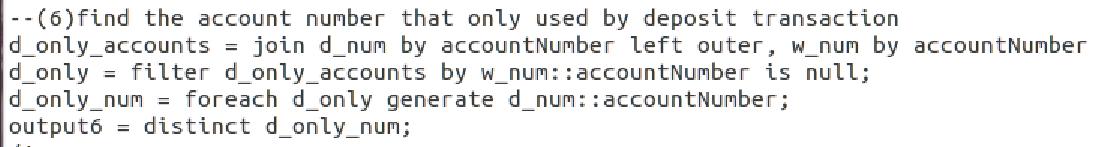


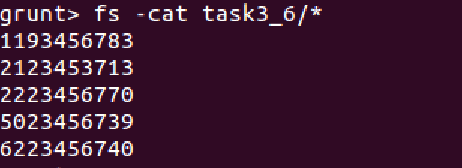
1. Statement & output:





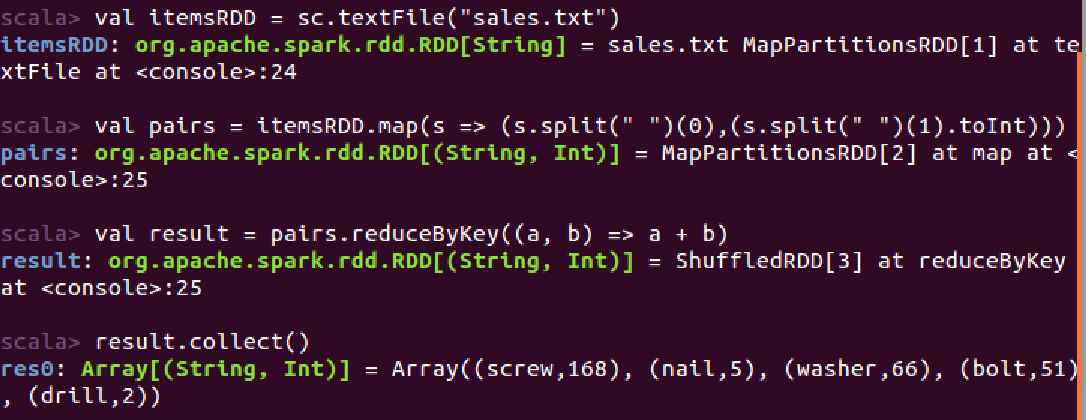
1. Statement & output:



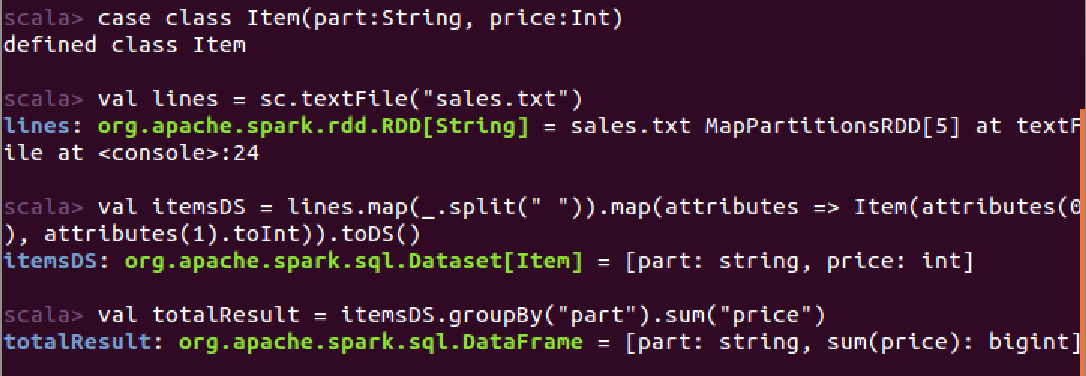


Task4

1. Load file into RDD:



1. Load file into Dataset:



1. Load file into DataFrame:

