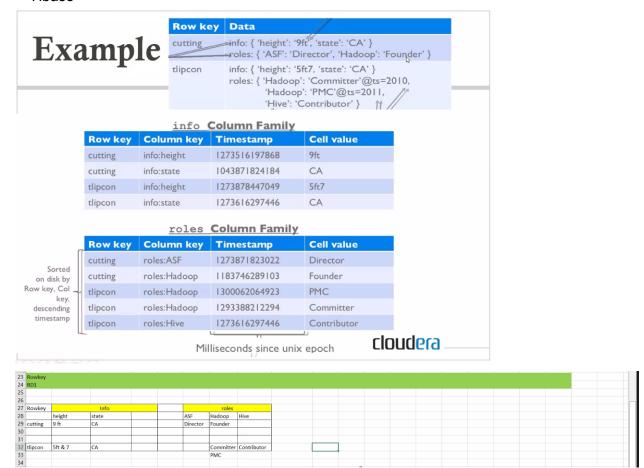
### → Hbase



# # Start Hbase shell

```
[bigdatalab456422@ip-10-1-1-204 ~]$ hbase shell
```

[bigdatalab456422@ip-10-1-1-204 ~]\$ hbase shell

Java HotSpot(TM) 64-Bit Server VM warning: Using incremental CMS is deprecated and will likely be removed in a future release

HBase Shell

Use "help" to get list of supported commands.

Use "exit" to quit this interactive shell.

For Reference, please visit: http://bbase.apache.org/2.0/book.html#shell

Version 2.1.0-cdh6.2.1, rUnknown, Wed Sep 11 01:05:36 PDT 2019

Took 0.0033 seconds

hbase(main):001:09

## # To create table

CREATE 'tablename', 'colfam1', 'colfam2'

hbase(main):002:0> create 'surya\_table', 'info', 'roles'
hbase(main):002:0> create 'surya\_table', 'info', 'roles'
Created table surya\_table
Took 1.7195 seconds
=> Hbase:Table - surya\_table
hbase(main):003:0> |

### # list tables

hbase(main):003:0> list

```
hbase(main):003:0> list
  12july
12july2
 12july2
12july_cust
12julypritam
12th_julycustomer
12thjuly1
12thjuly_custaman
12thjuly_custaman
12thjuly_custaman
  zzsonu_customers
  zzsonu_offices
949 row(s)
  Took 0.1902 seconds
 Took 0.1902 seconds
=> ("12july", "12july", "12july cust", "12july pritam", "12th july customer", "12th july ", "12th july Custaman", "12th july aman2", "12th july custaman", "12th july customer", "12th july customer!", "12th july sand customer!"
 playee , Isenine on , Isenine on Item , Isenine 
# describe tables
hbase(main):004:0> describe 'surya table'
  hbase(main):004:0> describe 'surya_table'
Table surya_table is ENABLED
surya_table
COLUMN FAMILIES DESCRIPTION
# Put command Syntax
put 'TableName', 'RowKey', 'ColFam:ColName', 'Value'
hbase(main):025:0> put 'surya table', 'cutting', 'info:height', '9
  hbase(main):025:0> put 'surya_table', 'cutting', 'info:height', '9 ft'
  Took 0.0047 seconds
# scan command Syntax
scan 'TableName'
hbase(main):026:0> scan 'surya table'
  hbase(main):026:0> scan 'surya_table'
                                                                                                                    COLUMN+CELL
 cutting
1 row(s)
Took 0.0207 seconds
hbase(main):027:0>
                                                                                                                      column=info:height, timestamp=1686214750582, value=9 ft
hbase(main):029:0> put 'surya table', 'cutting', 'info:state', 'CA'
  hbase(main):029:0> put 'surya_table', 'cutting', 'info:state', 'CA'
 Took 0.0105 seconds hbase(main):030:0>
hbase(main):030:0> scan 'surya table'
  hbase(main):030:0> scan 'surya_table'
  ROW
cutting
                                                                                                                    column=info:height, timestamp=1686214750582, value=9 ft
    cutting
                                                                                                                    column=info:state, timestamp=1686214944722, value=CA
  1 row(s)
Took 0.0078 seconds
```

hbase(main):031:0>

```
hbase(main):045:0> put 'surya table', 'tlipcon', 'roles:Hive',
 'Contributor'
\label{local-hosse} $$ hbase(main):045:00 put 'surya_table', 'tlipcon', 'roles:Hive', 'Contributor' Took 0.0040 seconds $$ hbase(main):046:00 $$ $$
hbase(main):050:0> scan 'surya table'
 hbase(main):050:0> scan 'surya_table'
 ROW
cutting
                                                                               Column=info:height, timestamp=1686214750582, value=9 ft column=info:state, timestamp=1686214944722, value=CA column=roles:Hive, timestamp=1686215098731, value=Contributor
  cutting
  tlipcon
 2 row(s)
Took 0.0058 seconds
 hbase(main):051:0>
hbase(main):065:0> put 'surya table', 'cutting', 'roles:ASF',
'Director'
hbase(main):067:0> put 'surya table', 'cutting', 'roles:Hadoop',
'Founder'
hbase(main):069:0> put 'surya table', 'tlipcon', 'info:height',
 hbase(main):065:0> put 'surya_table', 'cutting', 'roles:ASF', 'Director'
 Took 0.0073 seconds
hbase(main):065:09
hbase(main):067:09 put 'surya_table', 'cutting', 'roles:Hadoop', 'Founder'
Took 0.0050 seconds
 hbase(main):068:0>
hbase(main):069:0* put 'surya_table', 'tlipcon', 'info:height', '5ft7'
 Took 0.0039 seconds
 hbase(main):070:0>
hbase(main):070:0> put 'surya table', 'tlipcon', 'info:state', 'CA'
hbase(main):072:0> put 'surya table', 'tlipcon', 'roles:Hadoop',
 'Committer'
 hbase(main):070:0> put 'surya_table', 'tlipcon', 'info:state', 'CA'
 hbase(main):071:0>
hbase(main):072:0* put 'surya_table', 'tlipcon', 'roles:Hadoop', 'Committer'
 Took 0.0038 seconds hbase(main):073:0> ■
hbase(main):073:0> scan 'surya table'
 hbase(main):073:0> scan 'surya_table'
  cutting
                                                                               column=info:height, timestamp=1686214750582, value=9 ft
                                                                               column=info:height, timestamp=1686214759852, Value=9 ft column=info:state, timestamp=168621494722, value=CA column=roles:ASF, timestamp=1686215499885, value=Director column=roles:Hadoop, timestamp=1686215499818, value=Founder column=info:height, timestamp=168621549986, value=Sft7 column=info:state, timestamp=1686215499877, value=CA column=roles:Hadoop, timestamp=1686215499873, value=Committer column=roles:Hive, timestamp=1686215998731, value=Contributor
   cutting
  cutting
cutting
tlipcon
tlipcon
tlipcon
tlipcon
2 row(s)
Took 0.0137 seconds
hbase(main):074:0>
hbase(main):077:0> describe 'surya table'
hbase(main):077:0> describe 'surya_table'

Table surya_table is ENABLED
surya_table bescription
COLUMN FAMILIES DESCRIPTION
(NAME => 'info', VERSIONS => '1', EVICT_BLOCKS_ON_CLOSE => 'false', NEM_VERSION_BEHAVIOR => 'false', KEEP_DELETED_CELLS => 'FALSE', CACHE_DATA_ON_WRITE => 'false', DATA
_BLOCK_ENCODING => 'NONE', TTL => 'FOREVER', MIN_VERSIONS => '0', REPLICATION_SCOPE => '0', BLOOMFILTER => 'ROW', CACHE_INDEX_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_BLOMS_ON_WRITE => 'false', CACHE_DATA_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_BLOMS_ON_WRITE => 'false', CACHE_DATA_ON_WRITE => '
Took 0.0257 seconds
hbase(main):078:0> ■
```

```
disable 'TableName'
hbase(main):079:0> disable 'surya table'
hbase(main):079:0> disable 'surya_table'
Took 0.0085 seconds hbase(main):080:0>
                                                                                                                                                                            н
→ before altering table, disable table
hbase(main):081:0> alter 'surya table' , {NAME=>'roles', VERSIONS=>3}
hbase(main):081:0> alter 'surya_table' , {NAME=>'roles', VERSIONS=>3} Updating all regions with the new schema... All regions updated.
Done.
Took 1.2029 seconds
hbase(main):082:0>
                                                                                                                                                                            # enable table
enable 'TableName'
hbase(main):082:0> enable 'surya table'
hbase(main):082:0> enable 'surya_table'
Took 0.7359 seconds hbase(main):083:0> ■
                                                                                                                                                                            hbase(main):083:0> describe 'surya table'
hbase(main):083:0> describe 'surya_table'
Table surya_table is ENABLED
surya_table
COLUMNN FAMILIES DESCRIPTION
hbase(main):084:0> put 'surya table', 'tlipcon', 'roles:Hadoop',
hbase(main):084:0> put 'surya_table', 'tlipcon', 'roles:Hadoop', 'PMC'
Took 0.0151 seconds hbase(main):085:0>
                                                                                                                                                                            hbase(main):085:0> scan 'surya table'
hbase(main):085:0> scan 'surya_table'
ROW
cutting
                                            column=info:height, timestamp=1686214750582, value=9 ft
                                            column=info:neignt, timestamp=1686214/9882, Value=9 ft column=info:state, timestamp=168621494722, value=CA column=roles:ASF, timestamp=1686215498918, value=Director column=roles:Hadoop, timestamp=168621549918, value=Founder column=info:height, timestamp=168621549918, value=Setz column=info:state, timestamp=1686215498872, value=Sft column=clues:Hadoop, timestamp=1686215958224, value=PMC column=roles:Hive, timestamp=1686215998731, value=Contributor
 cutting
cutting
cutting
cutting
tlipcon
tlipcon
tlipcon
tlipcon
tlipcon
2 row(s)
Took 0.0118 seconds
hbase(main):086:0>
```

# disable table

```
# get command
get 'TableName', 'RowKey'
hbase(main):086:0> get 'surya table', 'cutting'
hbase(main):086:0> get 'surya_table', 'cutting'
CELL
 COLUMN
info:height
info:state
roles:ASF
                                               timestamp=1686214750582, value=9 ft
timestamp=1686214944722, value=CA
timestamp=1686215409885, value=Director
timestamp=1686215409918, value=Founder
  roles:Hadoop
1 row(s)
Took 0.0144 seconds
hbase(main):087:0>
# get command
get 'TableName', 'RowKey', {COLUMN=>'ColFam:ColName', VERSIONS =>3}
hbase(main):087:0> get 'surya table' , 'tlipcon' , {COLUMN =>
'roles:Hadoop' , VERSIONS =>3}
timestamp=1686215955224, value=PMC
timestamp=1686215499296, value=Committer
  roles:Hadoop
1 row(s)
Took 0.0064 seconds
hbase(main):088:0
hbase(main):088:0> put 'surya table', 'tlipcon', 'roles:Hadoop',
'PMC2'
hbase(main):088:0> put 'surya_table', 'tlipcon', 'roles:Hadoop', 'PMC2' Took 0.0038 seconds hbase(main):089:0> ■
scan 'surya table'
hbase(main):089:0> scan 'surya_table'
                                                COLUMN+CELL
ROW
cutting
                                                column=info:height, timestamp=1686214750582, value=9 ft
                                               column=info:height, timestamp=lo8b214/bbsb2, value=9 Tc
column=info:state, timestamp=l68b21494722, value=CA
column=roles:ASF, timestamp=l68b2154998B5, value=Director
column=roles:Hadoop, timestamp=l68b2154998B5, value=Director
column=info:height, timestamp=l68b2154998B4, value=Fft7
column=info:state, timestamp=l68b2154998B72, value=Sft7
column=roles:Hadoop, timestamp=l68b215499B73, value=PMC2
column=roles:Hive, timestamp=l68b21599B731, value=Contributor
 cutting
  cutting
tlipcon
tlipcon
tlipcon
tlipcon
2 row(s)
Took 0.0098 seconds
hbase(main):090:0>
get 'surya table' , 'tlipcon' , {COLUMN => 'roles:Hadoop' , VERSIONS
=>3
hbase(main):094:0> get 'surya_table' , 'tlipcon' , {COLUMN => 'roles:Hadoop' , VERSIONS =>3}
COLUMN
roles:Hadoop
roles:Hadoop
roles:Hadoop
1 row(s)
Took 0.0082 seconds
hbase(main):095:0>
                                               timestamp=1686216234078, value=PMC2
timestamp=1686215955224, value=PMC
timestamp=1686215499296, value=Committer
hbase(main):101:0> scan 'surya table', FILTER =>"ValueFilter(=,
'binary:CA')"
hbase(main):101:0> scan 'surya_table', FILTER =>"ValueFilter(=, 'binary:CA')"
hbase(main):101:0>
ROW
cutting
tlipcon
2 row(s)
Took 0.0132 seconds
hbase(main):102:0>
                                               COLUMN+CELL
column=info:state, timestamp=1686214944722, value=CA
column=info:state, timestamp=1686215498072, value=CA
```

```
hbase(main):102:0> get 'surya table', 'tlipcon', {FILTER
=>"ValueFilter(=, 'binary:CA')"}
 hbase(main):102:0> get 'surya_table', 'tlipcon', {FILTER =>"ValueFilter(=, 'binary:CA')"} COLUMN CELL
  info:state
                                                                                          timestamp=1686215498072. value=CA
 1 row(s)
Took 0.0099 seconds
 hbase(main):103:0>
# delete command
delete 'TableName', 'RowKey', 'ColFam:ColName'
hbase(main):103:0> delete 'surya table', 'cutting', 'info:height'
 hbase(main):103:0> delete 'surya_table', 'cutting', 'info:height'
 Took 0.0127 seconds hbase(main):104:0> ■
hbase(main):104:0> scan 'surya table'
 hbase(main):104:0> scan 'surya_table'
ROW
cutting
                                                                                         COLUMN+CELL
column=info:state, timestamp=1686214944722, value=CA
column=roles:ASF, timestamp=1686215409885, value=Director
column=roles:Hadoop, timestamp=16862154099818, value=Founder
column=info:height, timestamp=1686215410964, value=Sft7
column=info:state, timestamp=1686215409872, value=CA
column=roles:Hadoop, timestamp=1686216340873, value=CN
column=roles:Hive, timestamp=1686215098731, value=Contributor
  cutting
   cutting
tlipcon
    tlipcon
tlipcon
 tlipcon
tlipcon
2 row(s)
Took 0.0107 seconds
hbase(main):105:0>
# deleteall command
deleteall 'TableName', 'RowKey'
hbase(main):105:0> deleteall 'surya table', 'cutting'
 hbase(main):105:0> deleteall 'surya_table', 'cutting'
 Took 0.0045 seconds hbase(main):106:0> ■
hbase(main):106:0> scan 'surya table'
 hbase(main):106:0> scan 'surya_table'
                                                                                        COLUMN+CELL column=info:height, timestamp=1686215410964, value=5ft7 column=info:state, timestamp=1686215498072, value=CA column=sies:Hadoop, timestamp=1686216234078, value=PMC2 column=roles:Hive, timestamp=1686216998731, value=Contributor
 ROW
tlipcon
tlipcon
tlipcon
   tlipcon
 1 row(s)
Took 0.0082 seconds
hbase(main):107:0>
hbase(main):107:0> describe 'surya table'
hbase(main):107:0> describe 'surya_table'
Table surya_table is ENABLED
surya_table
COLUMN FAMILIES DESCRIPTION
{NAME => 'info', VERSIONS => '1', EVICT_B
BROCK ENCOURS = 'NAME,' TILL 'SORDER'
 COLUMN FAMILIES DESCRIPTION

(ANME => 'info', VERSIONS => '1', EVICT_BLOCKS_ON_CLOSE => 'false', NEW_VERSION_BEHAVIOR => 'false', KEEP_DELETED_CELLS => 'FALSE', CACHE_DATA_ON_WRITE => 'false', DATA_BLOCK_ENCODING => 'NONE', TITL => 'false', NIN_VERSIONS => '0', REPLICATION_SCOPE => '0', BLOOMFILTER => 'RON', CACHE_INDEX_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_BLOOMS_ON_WRITE => 'false', PREFETCH_BLOCKS_ON_OPEN => 'false', COMPRESSION => 'NONE', BLOCKCACHE => 'true', BLOCKSIZE => '65536'}

{NAME => 'roles', VERSIONS => '3', EVICT_BLOCKS_ON_CLOSE => 'false', NEW_VERSION_BEHAVIOR => 'false', KEEP_DELETED_CELLS => 'false', CACHE_DATA_ON_WRITE => 'false', DAT_ABLOCK_ENCODING => 'NONE', TALS' 'NONE', BLOCKCACHE => 'TONE', BLOCKCACHE => 'TONE', TALS' 'NONE', TALS' 'NONE', TALS' 'NONE', TALS' 'NONE', BLOCKCACHE => 'TALSE', TALS' 'NONE', TALS' 'NONE', TALS' 'NONE', TALS' 'NONE', TALS' 'NONE', TALS' 'NONE', BLOCKCACHE => 'TALSE', CACHE_DATA_ON_WRITE => 'false', TALS' 'NONE', TALS' 'NONE', BLOCKCACHE => 'TONE', TALS' 'NONE', BLOCKCACHE => 'TONE', TALS' 'NONE', TALS' 'NONE', BLOCKCACHE => 'TONE', TALS' 'NONE', T
, CACHE_BLOSS..._
2 row(s)
Took 0.0294 seconds
hbase(main):108:0>
hbase(main):109:0> disable 'surya table'
 hbase(main):109:0> disable 'surya_table'
```

Took 0.7393 seconds hbase(main):110:0>

```
hbase(main):114:0> alter 'surya table', {NAME=>'nf', VERSIONS=>3}
 hbase(main):114:0> alter 'surya_table' , {NAME=>'nf', VERSIONS=>3} Updating all regions with the new schema... All regions updated.
 Took 1.1979 seconds
hbase(main):115:0>
hbase(main):115:0> enable 'surya table'
 hbase(main):115:0> enable 'surya_table'
 Took 0.6280 seconds hbase(main):116:0>
hbase(main):116:0> describe 'surya table'
 hbase(main):116:0> describe 'surya_table'
Table surya_table is ENABLED
surya_table
COLUMN FAMILIES DESCRIPTION
COLUMN FAMILIES DESCRIPTION

(NAME => 'info', VERSIONS => '1', EVICT_BLOCKS_ON_CLOSE => 'false', NEW_VERSION_BEHAVIOR => 'false', KEEP_DELETED_CELLS => 'FALSE', CACHE_DATA_ON_WRITE => 'false', DATA_BLOCK_ENCODING => '10', EVICT_BLOCKS_ON_CLOSE => '6', REPLICATION_SCOPE => '0', BLOOMFILTER => 'ROW', CACHE_INDEX_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_BLOOMS_ON_WRITE => 'false', PREFETCH_BLOCKS_ON_CLOSE => 'false', COMPRESSION => 'NONE', BLOCKCACHE => 'true', BLOCKSIZE => '65536'}

(NAME => 'nf', VERSIONS => '3', EVICT_BLOCKS_ON_CLOSE => 'false', NEW_VERSION_BEHAVIOR => 'false', KEEP_DELETED_CELLS => 'FALSE', CACHE_DATA_ON_WRITE => 'false', DATA_B LOCK_ENCODING => 'NONE', TIL => 'FOREVER', MIN_VERSIONS => '0', REPLICATION_SCOPE => '0', BLOOMFILTER => 'ROW', CACHE_INDEX_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_BLOOMS_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_DATA_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_BALDONS_ON_WRITE => 'false', IN_MEMORY => 'false', CACHE_DATA_ON_WRITE => 
 3 row(s)
 Took 0.0222 seconds
hbase(main):117:0>
hbase(main):118:0> put 'surya table', 'cutting', 'info:height', '9
ft.'
hbase(main):120:0* put 'surya table', 'cutting', 'info:state', 'CA'
hbase(main):122:0* put 'surya table', 'cutting', 'roles:ASF',
 'Director'
hbase(main):124:0* put 'surya table', 'cutting', 'roles:Hadoop',
 'Founder'
hbase(main):118:0> put 'surya_table', 'cutting', 'info:height', '9 ft'
Took 0.0055 seconds
hbase(main):119:0>
hbase(main):120:0* put 'surya_table', 'cutting', 'info:state', 'CA'
Took 0.0035 seconds
hbase(main):121:0>
hbase(main):121:0* put 'surya_table', 'cutting', 'roles:ASF', 'Director'
Took 0.0036 seconds
 Took 0.0039 seconds
 hbase(main):123:0>
hbase(main):124:0* put 'surya_table', 'cutting', 'roles:Hadoop', 'Founder'
 Took 0.0037 seconds hbase(main):125:0>
```

# → Spark .reduceByKey()

```
→ C npbdh.cloudloka.com/shell/

    ☆ Q ★ □ S

 [bigdatalab45644@ip-10-1-1-204 ~]$ pyspark
Python 3.7.6 (default, Jan 8 2020, 19:59:22)
[SCC 7.3.0] :: Anaconda, Inc. on linux
Type "help", "copyright", "credits" or "license" for more information.
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
23/06/08 10:07:28 WARN cluster.YarnSchedulerBackend$YarnSchedulerEndpoint: Attempted to request executors before the AM has registered!
     Using Python version 3.7.6 (default, Jan 8 2020 19:59:22)
SparkSession available as 'spark'.
>>> txnRDD = sc.textFile("hdfs://nameservice1/user/bigdatalab45644/training/txns1.txt",1)
  >>> txnVRDD = txnRDD.map(lambda row : (float(row.split(',')[3])))
  >>> for a in txnVRDD.take(5):
           print(a)
...
40.33
198.44
5.58
198.19
98.81
>>> total_avg = txnVRDD.reduce(lambda a,b : a + b)
>>> print(total_avg)
5110826.54000021
>>> total_avg = txnVRDD.reduce(lambda a,b : a + b)
 SILUDEZB.54000021

>>> total = txn/NRDD.reduce(lambda a,b : a + b)

>>> total_avg = total / txn/NRDD.count()

>>> print(total_avg)

102.21641080000043

>>>
>>> txnRDD =
sc.textFile("hdfs://nameservice1/user/bigdatalab456422/training/txns1
.txt", 1)
>>> txnRDD = sc.textFile("hdfs://nameservice1/user/bigdatalab456422/training/txns1.txt", 1)
>>>
>>> txnVRDD = txnRDD.map(lambda row: (float(row.split(','), [3])))
>>> txnVRDD = txnRDD.map(lambda row: (float(row.split(','), [3])))
>>>
 [biqdatalab456422@ip-10-1-1-204 ~]$ pyspark
[bigdatalab456422@ip-10-1-1-204 ~]$ pyspark
Python 3.7.6 (default, Jan 8 2020, 19:59:22)
[GCC 7.3.0] :: Anaconda, Inc. on linux
Type "help", "copyright", "credits" or "license" for more information.
Setting default log level to "WARN".
To adjust logging level use sc. settLoglevel(newLevel). For SparkR, use setLoglevel(newLevel).
23/06/08 11:16:46 WARN cluster.YarnSchedulerBackend$YarnSchedulerEndpoint: Attempted to request executors before the AM has registered!
     / / / / / / / / / / / version 2.4.0-cdh6.2.1
```

M Link for the Lect.: x 🗥 Subscription Del: x 🐧 bigdatalab45644 x 🖟 bigdatalab45644 x 🖟 Dept Attendee - 7 x 🔥 HBase - Google E. x M 13, Key /Value RE. x M 13, Key /Value RE. x M 14, Key /Value RE. x M 15, Key /Value RE. x M

>>> txnRDD =

Using Python version 3.7.6 (default, Jan 8 2020 19:59:22) SparkSession available as 'spark'.

sc.textFile("hdfs://nameservice1/user/bigdatalab456422/training/txns1
.txt",1)

```
>>> txnRDD = sc.textFile("hdfs://nameservice1/user/bigdatalab456422/training/txns1.txt",1)
>>> txnKVRDD = txnRDD.map(lambda row: (row.split(',')[5],
float(row.split(','), [3])))
>>> txnKVRDD = txnRDD.map(lambda row: (row.split(',')[5], float(row.split(','), [3])))
>>>
>>> amtAndCount = txnKVRDD.mapValues(lambda a: (a, 1))
>>> amtAndCount = txnKVRDD.mapValues(lambda a: (a, 1))
>>> totalByProd = amtAndCount.reduceByKey(lambda a,b : (a[0]+b[0],
a[1]+b[1])
>>> totalByProd = amtAndCount.reduceByKey(lambda a,b : (a[0]+b[0], a[1]+b[1]))
>>> avgforProd = totalByProd.mapValues(lambda a : a[0]/a[1])
>>> avgforProd = totalByProd.mapValues(lambda a : a[0]/a[1])
>>>
>>> maxAvg = avgforProd.sortBy(lambda a : -a[1])
>>> maxAvg = avgforProd.sortBy(lambda a : -a[1])
>>> for a in maxAvg.collect():
           print(a)
. . .
```

```
For a txnKVRDD.take(5):

SyntaxGerror: finvalid syntax

>>> for a in txnKVRDD.take(5):

... print(a)

('Cardio Nachina Accasories', 40.33)

('Weightlifting Gloves', 138.44)

('Weightlifting Gloves', 138.45)

('Meightlifting Machina Accasories', 5.58)

('Gwmastics Rings', 198.19)

'File 'cstdin', Jine I

rantAndCount = txnKVRDD.mapValues(lambd a : (a,1))

>>> matAndCount = txnKVRDD.mapValues(lambd a : (a,1))

>>> matAndCount = txnKVRDD.mapValues(lambd a : (a,1))

>>> for a in matAndCount = txnKVRDD.mapValues(lambd a : (a,1))

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>>> for a in matAndCount = txnKVRDD.mapValues(lambd a : (a,1))

>>> for a in txnLambdo.mat.raduceByKey(lambda a,b : (a[0]+b[0], a[1]+b[1])

Traceback (most recent call last):

File "cstdin's, Jine 1, in cmodule>

NameFror: name 'andAndCount' is not defined

NameFror: name 'andAndCount' is not defined

NameFror: name 'andAndCount' is not defined

('Candio Nachine Accessories', (4833.72, 396))

('Meightlifting Gloves', (38438.72, 396))

('Neightlifting Gloves', (48633.6799999997, 388))

I
```