**Hbase Assignment1**

**Task1:**

[mavricbdhoct07@ip-10-1-1-204 ~]$ hbase shell

A close-up of a computer screen

Description automatically generated

hbase(main):001:0> create\_namespace 'Savita\_db'

hbase(main):003:0>create "Savita\_db:stock","sampledata"

hbase(main):047:0> list\_namespace\_tables "Savita\_db"

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Description automatically generated

hbase(main):004:0> put "Savita\_db:stock","1","sampledata:stock\_symbol","EXC"

* Took 0.3517 seconds

hbase(main):013:0> put "Savita\_db:stock","1","sampledata:commentid","Comment1"

* Took 0.0096 seconds

hbase(main):013:0> put "Savita\_db:stock","1","sampledata:commentid","Comment1"

* Took 0.0096 seconds

hbase(main):014:0> put "Savita\_db:stock","1","sampledata:userid","User1"

* Took 0.0113 seconds

hbase(main):015:0> put “Savita\_db:stock","1","sampledata:displayname","King James"

* Took 0.0117 seconds

hbase(main):016:0> put "Savita\_db:stock","1","sampledata:Active","True"

* Took 0.5689 seconds

hbase(main):017:0> put "Savita\_db:stock","1","sampledata:comment","I have this one on my radar."

* Took 0.0054 seconds

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hbase(main):018:0> get "Savita\_db:stock","1"

A screenshot of a computer code

Description automatically generated

hbase(main):055:0> scan "Savita\_db:stock"

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Queries:

1. What are the various comments given by all the users?

hbase(main):001:0>

scan 'Savita\_db:stock',{COLUMN=>['sampledata:comment']}

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Description automatically generated

1. What are the comments by user3?

import org.apache.hadoop.hbase.filter.SingleColumnValueFilter

import org.apache.hadoop.hbase.filter.CompareFilter

import org.apache.hadoop.hbase.filter.BinaryComparator

A computer screen shot of a computer code

Description automatically generated

hbase(main):007:0> scan 'Savita\_db:stock', { FILTER => SingleColumnValueFilter.new(Bytes.toBytes('sampledata'), Bytes.toBytes('userid'),Com

pareFilter::CompareOp.valueOf('EQUAL'),BinaryComparator.new(Bytes.toBytes('User3')))}

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Description automatically generated

1. Which users have inactive comments?

hbase(main):009:0> scan 'Savita\_db:stock', { FILTER => SingleColumnValueFilter.new(Bytes.toBytes('sampledata'),Bytes.toBytes('Active'), CompareFilter::CompareOp.valueOf('EQUAL'),BinaryComparator.new(Bytes.toBytes('False')))}

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Description automatically generated