

## Experiment - 9

### HBASE Commands

Objective: To create and execute hbase commands for the following operations

>hbase shell -- open hbase terminal

1. >status -- status 'simple'  
          status 'detailed'

          >version -- current version

#### 2) Create table

create <tablename>, <columnfamilyname1> <columnfamilyname2>

>create 'emp', 'personal data', 'professional data'

```
put 'emp','1','personal data:name','raju'
put 'emp','1','personal data:city','hyderabad'
put 'emp','1','professional data:designation','manager'
put 'emp','1','professional data:salary','50000'
put 'emp','1','professional data:vechiv','50000'
put 'emp','2','personal data:name','sathish'
put 'emp','2','personal data:city','bangalore'
put 'emp','2','professional data:designation','professor'
put 'emp','2','professional data:salary','60000'
put 'emp','3','personal data:name','muthu'
put 'emp','3','personal data:city','chennai'
put 'emp','3','professional data:designation','analyst'
put 'emp','3','professional data:salary','20000'
```

#### 3. To List all the tables

list

4. To describe the table.

describe 'emp'

5. To delete a table or change its settings, you need to first disable the table using the disable command.

disable 'emp'

is\_disabled command is used to find whether a table is disabled.

6. To Drop the table

drop 'emp'

7. To find whether a table is enabled.

enable 'emp'

The following commands verifies whether the table named **emp** is enabled. If it is enabled, it will return true and if not, it will return false

8. **Scan** command is used to view the data in HBASETable. Using the scan command, you can get the table data.

scan 'emp'

9 Using the drop command, you can delete a table. Before dropping a table, you have to disable it.

```
hbase(main):018:0> disable 'emp'  
0 row(s) in 1.4580 seconds
```

```
hbase(main):019:0> drop 'emp'
```

0 row(s) in 0.3060 seconds

#### 10. To get the particular record

```
get method > get 'emp', '1'
```

#### 11. To delete the particular record

```
delete '<table name>', '<row>', '<column name >', '<time stamp>'
```

```
delete 'emp', '1', 'personal data: city', 1417521848375
```

#### 12. You can count the number of rows of a table using the count command. Its syntax is as follows:

```
count '<table name>'  
count 'emp'
```

#### 13. This command disables drops and recreates a table. The syntax of **truncate** is as follows:

```
hbase> truncate 'table name'
```

```
truncate 'emp'
```

Outcome:

Given HBASE commands are created and executed successfully