**General Commands**

hbase shell ----- **starting Hbase**

list

status

version

table help

whoami ----- **which cluster**

**Creating Table name customer**

create **'customer'**,'address','order' *( here address & order are column names )*

list

**Insert Command**

put 'customer','sunny','address:city','bhopal'

*( here sunny – row name, city --- sub column, Bhopal is cityname inserted )*

put 'customer','sunny','address:state','madhya pradesh'

*( here sunny – row name , state --- sub column, MP is Statename inserted )*

put 'customer','sunny','address:street','whitefiled'

*( here sunny – row name , street --- sub column, whitefiled is street name inserted )*

put 'customer','sunny','order:number','ord-01'

*( here sunny – row name, number --- sub column, ord-01 inserted )*

put 'customer','sunny','order:amount','15000'

*( here sunny – row name, amount --- sub column,* '15000' *inserted )*

get 'customer','sunny'

*(for checking details)*

**When we get error as zookeeper == 0**

sudo service hbase-master restart

sudo service hbase-regionserver restart

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general command

table managment command

data manipulation command

cluster replication command

**General command**

1. status

2. version

3. table\_help

4. whoami

**table managment command**

1. create

2. list

3. describe

4. enable

5. drop

6. alter

7. disable

8. show filter

9. disbale\_all

10. enable\_all

**data manipulation command**

1. count

2. put

3. get

4. scan

5. delete

6. truncate

7. truncate all

**cluster replication command**

1. add\_peer

2. remove\_peer

3. start\_replication

4. stop\_replication

**CRUD operation**

create

read

update

delete

**API**

Python

Java

get 'customer','sunny'

scan 'customer' ***( all record)***

put 'customer','imran','order:number','ord-002'

scan 'customer'

put 'customer','sunny','address:name','sunnysavita'

put 'customer','sunny','address:email\_id','sunny.savita@gmail.com'

get 'customer','sunny','address:city'

drop 'customer'

disable 'customer'

scan 'customer'

enable 'customer'

describe 'customer' ***(details of entire table)***

delete 'customer','sunny','address:email\_id'

truncate 'customer'

count 'cutsomer'

disable 'customer'

drop 'customer'

list

exists 'customer'

control-shift-c for copy

delete 'customer','sunny','address:email\_id' this will give error

alter 'customer','delete'=>'address'

create 'employee', {NAME=> 'address'} for default version 1

describe 'employee'

create 'employee1', {NAME=> 'address',VERSION=>3}

describe 'employee1'

count 'employee1'

alter 'employee1',NAME=> 'address',VERSION=>5

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create 'student',"personal","school"

create 'student',{NAME=>"personal",VERSION=>5},'school'

describe 'student'

alter 'student',NAME=>'school',VERSION=>5

describe 'student'

put 'student','1','personal:name','sunny'

put 'student','1','personal:name','sunny\_savity'

put 'student','1','school:name','XYZ'

put 'student','1','school:name','XYZ\_ABC'

describe 'student'

scan 'student'

scan 'student', {VSERSION=>10}