

— To check the status of HBase master

`sudo service hbase-master status`

— To check the status of region servers

`sudo service -hbase-regionserver status`

— To start the HBase master service

`sudo service -hbase-master start`

— To start the HBase region server

`sudo service -hbase-regionserver start`

— Connect to base

`hbase shell`

— status of the base distributed data

`status`

— check the user with which I logged in

`whoami`

-- To see all the tables

list

— To create the table

create 'mytable' , 'cf'

— Check whether the table has been created

list

— To give you extended details about the table

describe 'mytable'

-- To insert the row

put 'mytable', 'first' , 'cf:firstname', 'avinash'

put 'mytable', 'second', 'cf:lastname', 'seethalam'

— To get a particular row

get 'mytable' , 'first'

— To fetch all the rows

scan 'mytable'

— create another table census

create 'census', 'personal', 'professional'

— count the no: of rows

count 'census'

— Add the data in the census table

put 'census', 1, 'personal:name', 'Mike Jones'

put 'census', 1, 'personal:marital\_status',  
'unmarried'

put 'census', 1, 'personal:gender', 'male'

put 'census', 1, 'professional:employed', 'yes'

put 'census', 1, 'professional:education\_level', 'high  
school'

put 'census', 1, 'professional:field', 'construction'

put 'census', 3, 'personal:name', 'Jill Tang'

put 'census', 3, 'personal:marital\_status', 'married'

put 'census', 3, 'personal:spouse', 'Jim Tang'

put 'census', 3, 'professional:education\_level',  
'post-grad'

put 'census', 3, 'personal:gender', 'female'

put 'census', 2, 'personal:name', 'Ben'

```
put 'census', 2, 'personal:marital_status', 'divorced'  
put 'census', 2, 'personal:gender', 'male'
```

```
put 'census', 4, 'personal:name', 'Maria'  
put 'census', 4, 'personal:marital_status', 'divorced'  
put 'census', 4, 'personal:gender', 'female'
```

— count the no: of rows

```
count 'census'
```

— To fetch the particular row

```
get 'census',4
```

— To fetch the particular column in a row

```
get 'census',4,'personal:gender'
```

— fetch all the rows

```
scan 'census'
```

— Try to fetch the column with out specifying the row key

```
get 'census','personal:name' <It doesn't work>
```

```
scan 'census',{COLUMNS => ['personal:name']}
```

— Try to fetch the column family only

get 'census','personal' <It doesn't work>

scan 'census',{COLUMNS => ['personal']}

— Limit the no: of columns

scan 'census',{COLUMNS => ['personal:name'],  
LIMIT => 1}

— Scan the table from a particular row

scan 'census', {COLUMNS => ['personal:name'],  
STARTROW => '2'}

— Scan the table from a particular row and stop at  
a particular row

scan 'census', {COLUMNS => ['personal:name'],  
STARTROW => '2', STOPROW => '3'}

— To update the column just change the value in  
the put command

put 'census', 3, 'personal:marital\_status', 'divorcee'

— check the column whether its updated or not

get 'census',3

— Delete the particular column

delete 'census',1,'personal:martial\_status'

— use of exists command

exists 'census'

— disable the table

disable 'census'

— drop the table

drop 'census'

— check the table name with list command

list

— enable the table which has been disabled but not deleted

enable 'census'