

### Create a table:

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

### List created table:

list

### Scan data within table

scan 'emp'

### Describe table

describe 'emp'

### Alter column family

alter 'emp', NAME ⇒ 'personal data', VERSIONS ⇒ 5

alter 'table name', 'delete' ⇒ 'column family'

### Check if table exists

exists 'emp'

### Disable a table

disable 'emp'

### Drop a table

First you need to disable and then drop

drop 'emp'

### Insert data into table

put '<table name>', 'row key', '<colfamily:colname>', '<value>'

example:

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'

### Update data into table

put 'table name', 'row key', 'Column family:column name', 'new value'

change the city of previously added record

### **Read a specific record**

get '<table name>', '<row key>'

### **Read a specific column of a record**

get 'table name', 'row key', {COLUMN ⇒ 'column family:column name' }

### **Delete a specific cell**

delete '<table name>', '<row>', '<column family:column name >', '<time stamp>'

### **Delete a record**

deleteall '<table name>', '<row key>'

### **Count records in a table**

count '<table name>'

### **Truncate whole table**

truncate '<table name>'

Reference: <http://www.tutorialspoint.com/hbase/>

Java API:

<https://github.com/NeejaYanglea/HBase-Exercises/tree/master/src/it/uniroma3/sii/homework/hbase>