**Practical 4: Install HBase and Use HBase Data Model to Store and Retrieve Databases**

Commands:

hbase shell

status

version,

table\_help

whoami

create ‘employee’, ’Name’, ’ID’, ’Designation’, ’Salary’, ’Department’

list

disable ‘employee’ (or is\_disable ‘employee’)

scan ‘employee’

disable\_all ‘e.\*’

enable‘employee’ (or scan ‘is\_enabled'employee')

//create new table

create‘student’, ‘name’, ‘age’, ‘course’

put ‘student’, ‘sharath’, ‘name:fullname’, ‘sharathkumar’

put ‘student’, ‘sharath’, ‘age:presentage’, ‘24’

put ‘student’, ‘sharath’, ‘course:pursuing’, ‘Hadoop’

put ‘student’, ‘shashank’, ‘name:fullname’, ‘shashank R

put ‘student’, ‘shashank’, ‘age:presentage’, ‘23’

put ‘student’, ‘shashank’, ‘course:pursuing’, ‘Java’

//Get Information

get ‘student’, ‘shashank’

get ‘student’, ‘sharath’

get ‘student’, ‘sharath’, ‘course’

get ‘student’, ‘shashank’, ‘course’

get ‘student’, ‘sharath’, ‘name’

scan ‘student’

Count ‘student’

//Alter

alter ‘student’, NAME=>’name’, VERSIONS=>5

put ‘student’, ‘shashank’, ‘name:fullname’, ‘shashank Rao’

scan ‘student’

//Delete

delete ‘student’, ‘shashank’, ‘name:fullname’

**OUTPUT**





