```
hbase(main):044:0> create 'clicks','hits'
0 row(s) in 1.3330 seconds
```

```
=> Hbase::Table - clicks
hbase(main):045:0> alter 'clicks' ,{NAME=>'hits',VERSIONS=>5}
Updating all regions with the new schema...
0/1 regions updated.
1/1 regions updated.
Done.
0 row(s) in 3.3980 seconds
```

```
hbase(main):046:0> describe 'clicks'
Table clicks is ENABLED
clicks
COLUMN FAMILIES DESCRIPTION
{NAME => 'hits', BLOOMFILTER => 'ROW', VERSIONS => '5', IN_MEMORY => 'false', KEEP_DELETED_CELLS => 'FALSE', DATA_BLOCK_ENCODING => 'NONE', TTL => 'FOREVER',
 COMPRESSION => 'NONE', MIN_VERSIONS => '0', BLOCKCACHE => 'true', BLOCKSIZE => '65536', REPLICATION_SCOPE => '0'}
1 row(s) in 0.0910 seconds

hbase(main):047:0>
```

Task 2.2:

**Add few records in the table and update some of them. Use IP Address as row-key. Scan
the table to view if all the previous versions are getting displayed.**

put 'clicks','120.18.19.210','hits:ipaddress','www.cricinfo.com'

put 'clicks','120.18.19.210','hits:ipaddress','www.espnstar.com'

put 'clicks','120.18.19.210','hits:ipaddress','www.google.com'

put 'clicks','120.18.19.210','hits:ipaddress','www.apache.com'

put 'clicks','120.18.19.210','hits:ipaddress','www.timesofindia.com'

put 'clicks','100.20.20.190','hits:ipaddress','www.cricinfo.com'

put 'clicks','100.20.20.190','hits:ipaddress','www.hadoop.com'

put 'clicks','100.20.20.190','hits:ipaddress','www.twitter.com'

```
hbase(main):047:0> put 'clicks','120.18.19.210','hits:ipaddress','www.cricinfo.com'
.espnstar.com'
put 'clicks','120.18.19.210','hits:ipaddress','www.go0 row(s) in 0.1060 seconds

oglehbase(main):048:0> put 'clicks','120.18.19.210','hits:ipaddress','www.espnstar.com'
ww.hadoop.com'
put 'clicks','100.20.20.190','hits:ipaddress','www.twitter.com'
0 row(s) in 0.0300 seconds

hbase(main):049:0> put 'clicks','120.18.19.210','hits:ipaddress','www.google.com'
0 row(s) in 0.0190 seconds

hbase(main):050:0> put 'clicks','120.18.19.210','hits:ipaddress','www.apache.com'
0 row(s) in 0.0220 seconds

hbase(main):051:0> put 'clicks','120.18.19.210','hits:ipaddress','www.timesofindia.com'
0 row(s) in 0.0130 seconds

hbase(main):052:0> put 'clicks','100.20.20.190','hits:ipaddress','www.cricinfo.com'
0 row(s) in 0.0230 seconds

hbase(main):053:0> put 'clicks','100.20.20.190','hits:ipaddress','www.hadoop.com'
0 row(s) in 0.0130 seconds

hbase(main):054:0> put 'clicks','100.20.20.190','hits:ipaddress','www.twitter.com'
0 row(s) in 0.0180 seconds
```

get 'clicks', '120.18.19.210', {COLUMN=>'hits:ipaddress',VERSIONS=>5}

```
hbase(main):004:0* get 'clicks', '120.18.19.210', {COLUMN=>'hits:ipaddress',VERSIONS=>5}
COLUMN                              CELL
 hits:ipaddress                     timestamp=1525511927998, value=www.timesofindia.com
 hits:ipaddress                     timestamp=1525511927939, value=www.apache.com
 hits:ipaddress                     timestamp=1525511927783, value=www.google.com
 hits:ipaddress                     timestamp=1525511927679, value=www.espnstar.com
 hits:ipaddress                     timestamp=1525511927494, value=www.cricinfo.com
5 row(s) in 0.2320 seconds

hbase(main):005:0>
```

get 'clicks', '100.20.20.190', {COLUMN=>'hits:ipaddress',VERSIONS=>2}

```
hbase(main):055:0> scan 'clicks'
ROW                         COLUMN+CELL
 100.20.20.190              column=hits:ipaddress, timestamp=1525511928297, value=www.twitter.com
 120.18.19.210              column=hits:ipaddress, timestamp=1525511927998, value=www.timesofindia.com
2 row(s) in 0.1130 seconds
```