

Assignment 3.8

1. Create an HBase table named 'clicks' with a column family 'hits' such that it should be able to store last 5 values of qualifiers inside 'hits' column family.

```
create 'clicks',NAME=>'hits',VERSIONS=>5
```

```
hbase(main):001:0> create 'clicks',NAME=>'hits',VERSIONS=>5
0 row(s) in 3.4520 seconds

=> Hbase::Table - clicks
hbase(main):002:0> list
TABLE
clicks
1 row(s) in 0.0370 seconds

=> ["clicks"]
hbase(main):003:0> _
```

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','192.168.1.31','hits:num_of_hits','111'
```

```
scan 'clicks'
```

```
hbase(main):008:0> put 'clicks','192.168.1.31','hits:num_of_hits','111'
0 row(s) in 0.0210 seconds

hbase(main):009:0> scan 'clicks'
ROW                                COLUMN+CELL
 192.168.1.31                      column=hits:num_of_hits, timestamp=1526787865903, value=111
1 row(s) in 0.0200 seconds
```

```
put 'clicks','192.168.1.32','hits:num_of_hits','1123'
```

```
put 'clicks','192.168.1.34','hits:num_of_hits','3'
```

```
scan 'clicks'
```

```
hbase(main):010:0> put 'clicks','192.168.1.32','hits:num_of_hits','1123'
0 row(s) in 0.0140 seconds

hbase(main):011:0> put 'clicks','192.168.1.34','hits:num_of_hits','3'
0 row(s) in 0.0060 seconds

hbase(main):012:0> scan 'clicks'
ROW                                COLUMN+CELL
192.168.1.31                       column=hits:num_of_hits, timestamp=1526787865903, value=111
192.168.1.32                       column=hits:num_of_hits, timestamp=1526787936578, value=1123
192.168.1.34                       column=hits:num_of_hits, timestamp=1526787952078, value=3
3 row(s) in 0.0230 seconds
```