

Assignment #11

Worth: 5 points (1 point for each problem)

Exercises

Exercise 1)

Command:

- create 'csp554Tbl','cf1','cf2'
- describe 'csp554Tbl'

[illegible]

Exercise 2)

Command:

- `put 'csp554Tbl','Row1','cf1','name:Sam'`
- `put 'csp554Tbl','Row2','cf1','name:A Ahmed'`
- `put 'csp554Tbl','Row1','cf2','job:Pilot'`
- `put 'csp554Tbl','Row2','cf2','job:Doctor'`
- `put 'csp554Tbl','Row1','cf2','level:LZ3'`
- `put 'csp554Tbl','Row2','cf2','level:AR7'`

```
hadoop@ip-172-31-70-248:~  
hbase(main):002:0> put 'csp554Tbl','Row1','cf1','name:Sam'  
0 row(s) in 0.1400 seconds  
hbase(main):003:0> put 'csp554Tbl','Row2','cf1','name:A Ahmed'  
0 row(s) in 0.0130 seconds  
hbase(main):004:0> put 'csp554Tbl','Row1','cf2','job:Pilot'  
0 row(s) in 0.0150 seconds  
hbase(main):005:0> put 'csp554Tbl','Row2','cf2','job:Doctor'  
0 row(s) in 0.0140 seconds  
hbase(main):006:0> put 'csp554Tbl','Row1','cf2','level:LZ3'  
0 row(s) in 0.0060 seconds  
hbase(main):007:0> put 'csp554Tbl','Row2','cf2','level:AR7'  
0 row(s) in 0.0140 seconds  
hbase(main):008:0> |
```

- `scan 'csp554Tbl'`

```
hadoop@ip-172-31-70-248:~  
hbase(main):008:0> scan 'csp554Tbl'  
ROW COLUMN+CELL  
Row1 column=cf1: timestamp=1605661408374, value=name:Sam  
Row1 column=cf2: timestamp=1605661642986, value=level:LZ3  
Row2 column=cf1: timestamp=1605661450155, value=name:A Ahmed  
Row2 column=cf2: timestamp=1605661663449, value=level:AR7  
2 row(s) in 0.0280 seconds  
hbase(main):009:0> |
```

Exercise 3)

Command:

- `get 'csp554Tbl','Row1',{COLUMN=>'cf2'}`

```
hadoop@ip-172-31-70-248:~  
hbase(main):011:0> get 'csp554Tbl','Row1',{COLUMN=>'cf2'}  
COLUMN                                CELL  
cf2:                                timestamp=1605661642986, value=level:LZ3  
1 row(s) in 0.0070 seconds  
hbase(main):012:0> |
```

Exercise 4)

Command:

- `get 'csp554Tbl','Row2',{COLUMN=>'cf1'}`

```
hadoop@ip-172-31-70-248:~  
hbase(main):012:0> get 'csp554Tbl','Row2',{COLUMN=>'cf1'}  
COLUMN                                CELL  
cf1:                                timestamp=1605661450155, value=name:Ahmed  
1 row(s) in 0.0080 seconds  
hbase(main):013:0> |
```

Exercise 5)

Command:

- `scan 'csp554Tbl',{LIMIT=>1}`

```
hadoop@ip-172-31-70-248:~  
hbase(main):013:0> scan 'csp554Tbl',{LIMIT=>1}  
ROW                                COLUMN+CELL  
Row1                                column=cf1:, timestamp=1605661408374, value=name:Sam  
Row1                                column=cf2:, timestamp=1605661642986, value=level:LZ3  
1 row(s) in 0.0200 seconds  
hbase(main):014:0> |
```