```
sudo hbase shell

create 'threshold_ref_hbase', {NAME=> 'attr'}, {NAME=> 'limit'}, {NAME=> 'msg'}

list 'threshold_ref_hbase'

put 'threshold_ref_hbase', '1', 'attr:attribute', 'heartBeat'
put 'threshold_ref_hbase', '1', 'limit:low_age_limit', '0'
put 'threshold_ref_hbase', '1', 'limit:high_age_limit', '40'
put 'threshold_ref_hbase', '1', 'limit:low_value', '0'
put 'threshold_ref_hbase', '1', 'limit:high_value', '69'
put 'threshold_ref_hbase', '1', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '1', 'msg:alert_message', 'Low Heart Rate than Normal'

put 'threshold_ref_hbase', '2', 'attr:attribute', 'heartBeat'
put 'threshold_ref_hbase', '2', 'limit:low_age_limit', '0'
put 'threshold_ref_hbase', '2', 'limit:high_age_limit', '40'
put 'threshold_ref_hbase', '2', 'limit:low_value', '70'
put 'threshold_ref_hbase', '2', 'limit:high_value', '78'
put 'threshold_ref_hbase', '2', 'msg:alert_flag', '0'
put 'threshold_ref_hbase', '2', 'msg:alert_message', 'Normal'

put 'threshold_ref_hbase', '3', 'attr:attribute', 'heartBeat'
put 'threshold_ref_hbase', '3', 'limit:low_age_limit', '0'
put 'threshold_ref_hbase', '3', 'limit:high_age_limit', '40'
put 'threshold_ref_hbase', '3', 'limit:low_value', '79'
put 'threshold_ref_hbase', '3', 'limit:high_value', '9999'
put 'threshold_ref_hbase', '3', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '3', 'msg:alert_message', 'Higher Heart Rate than Normal'

put 'threshold_ref_hbase', '4', 'attr:attribute', 'bp'
put 'threshold_ref_hbase', '4', 'limit:low_age_limit', '0'
put 'threshold_ref_hbase', '4', 'limit:high_age_limit', '40'
put 'threshold_ref_hbase', '4', 'limit:low_value', '0'
put 'threshold_ref_hbase', '4', 'limit:high_value', '160'
put 'threshold_ref_hbase', '4', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '4', 'msg:alert_message', 'Low BP than Normal'

put 'threshold_ref_hbase', '5', 'attr:attribute', 'bp'
put 'threshold_ref_hbase', '5', 'limit:low_age_limit', '0'
put 'threshold_ref_hbase', '5', 'limit:high_age_limit', '40'
put 'threshold_ref_hbase', '5', 'limit:low_value', '161'
put 'threshold_ref_hbase', '5', 'limit:high_value', '220'
put 'threshold_ref_hbase', '5', 'msg:alert_flag', '0'
```

```
put 'threshold_ref_hbase', '5', 'msg:alert_message', 'Normal'

put 'threshold_ref_hbase', '6', 'attr:attribute', 'bp'
put 'threshold_ref_hbase', '6', 'limit:low_age_limit', '0'
put 'threshold_ref_hbase', '6', 'limit:high_age_limit', '40'
put 'threshold_ref_hbase', '6', 'limit:low_value', '221'
put 'threshold_ref_hbase', '6', 'limit:high_value', '9999'
put 'threshold_ref_hbase', '6', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '6', 'msg:alert_message', 'Higher BP than Normal'

put 'threshold_ref_hbase', '7', 'attr:attribute', 'heartBeat'
put 'threshold_ref_hbase', '7', 'limit:low_age_limit', '41'
put 'threshold_ref_hbase', '7', 'limit:high_age_limit', '100'
put 'threshold_ref_hbase', '7', 'limit:low_value', '0'
put 'threshold_ref_hbase', '7', 'limit:high_value', '65'
put 'threshold_ref_hbase', '7', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '7', 'msg:alert_message', 'Low Heart Rate than Normal'

put 'threshold_ref_hbase', '8', 'attr:attribute', 'heartBeat'
put 'threshold_ref_hbase', '8', 'limit:low_age_limit', '41'
put 'threshold_ref_hbase', '8', 'limit:high_age_limit', '100'
put 'threshold_ref_hbase', '8', 'limit:low_value', '66'
put 'threshold_ref_hbase', '8', 'limit:high_value', '73'
put 'threshold_ref_hbase', '8', 'msg:alert_flag', '0'
put 'threshold_ref_hbase', '8', 'msg:alert_message', 'Normal'

put 'threshold_ref_hbase', '9', 'attr:attribute', 'heartBeat'
put 'threshold_ref_hbase', '9', 'limit:low_age_limit', '41'
put 'threshold_ref_hbase', '9', 'limit:high_age_limit', '100'
put 'threshold_ref_hbase', '9', 'limit:low_value', '74'
put 'threshold_ref_hbase', '9', 'limit:high_value', '9999'
put 'threshold_ref_hbase', '9', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '9', 'msg:alert_message', 'Higher Heart Rate than Normal'

put 'threshold_ref_hbase', '10', 'attr:attribute', 'bp'
put 'threshold_ref_hbase', '10', 'limit:low_age_limit', '41'
put 'threshold_ref_hbase', '10', 'limit:high_age_limit', '100'
put 'threshold_ref_hbase', '10', 'limit:low_value', '0'
put 'threshold_ref_hbase', '10', 'limit:high_value', '150'
put 'threshold_ref_hbase', '10', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '10', 'msg:alert_message', 'Low BP than Normal'

put 'threshold_ref_hbase', '11', 'attr:attribute', 'bp'
put 'threshold_ref_hbase', '11', 'limit:low_age_limit', '41'
```

```
put 'threshold_ref_hbase', '11', 'limit:high_age_limit', '100'
put 'threshold_ref_hbase', '11', 'limit:low_value', '151'
put 'threshold_ref_hbase', '11', 'limit:high_value', '180'
put 'threshold_ref_hbase', '11', 'msg:alert_flag', '0'
put 'threshold_ref_hbase', '11', 'msg:alert_message', 'Normal'

put 'threshold_ref_hbase', '12', 'attr:attribute', 'bp'
put 'threshold_ref_hbase', '12', 'limit:low_age_limit', '41'
put 'threshold_ref_hbase', '12', 'limit:high_age_limit', '100'
put 'threshold_ref_hbase', '12', 'limit:low_value', '181'
put 'threshold_ref_hbase', '12', 'limit:high_value', '9999'
put 'threshold_ref_hbase', '12', 'msg:alert_flag', '1'
put 'threshold_ref_hbase', '12', 'msg:alert_message', 'Higher BP than Normal'

scan 'threshold_ref_hbase'

exit
```