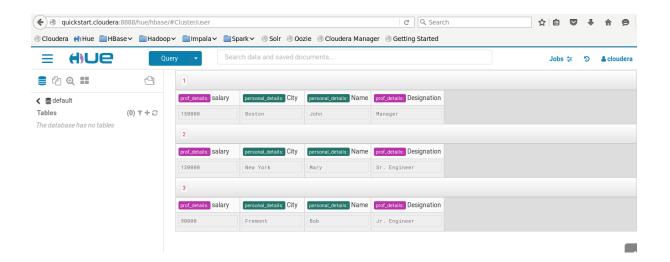
## Q1. Creating Hbase table and inserting the given data.

java -cp
".:/usr/lib/hadoop/\*:/usr/lib/hadoop/lib/\*:/usr/lib/hadoop/clien
t-0.20/\*:/usr/lib/hbase/\*:/usr/lib/hbase/lib/\*"
hbaseTest.MyFirstHbaseTable

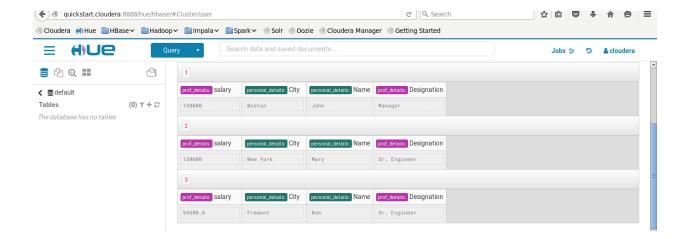
```
sr/lib/hbase/lib/hbase-hadoop2-compat-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/lib/junit-4.12.jar:/usr/lib/
hbase/lib/hbase-annotations-1.2.0-cdh5.13.0.jar
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:java.library.path=/usr/java/packages/l
ib/amd64:/usr/lib64:/lib64:/lib:/usr/lib
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:java.io.tmpdir=/tmp
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:java.compiler=<NA>
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:os.name=Linux
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:os.arch=amd64
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:os.version=2.6.32-573.el6.x86 64
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:user.name=cloudera
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:user.home=/home/cloudera
19/09/17 12:15:34 INFO zookeeper ZooKeeper: Client environment:user.dir=/home/cloudera/workspace/MyHb
ase/src
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Initiating client connection, connectString=localhost:218
1 sessionTimeout=90000 watcher=hconnection-0x4a0bl2980x0, quorum=localhost:2181, baseZNode=/hbase
19/09/17 12:15:35 INFO zookeeper.ClientCnxn: Opening socket connection to server localhost/127.0.0.1:
2181. Will not attempt to authenticate using SASL (unknown error)
19/09/17 12:15:35 INFO zookeeper.ClientCnxn: Socket connection established, initiating session, clien
t: /127.0.0.1:51414, server: localhost/127.0.0.1:2181
19/09/17 12:15:35 INFO zookeeper.ClientCnxn: Session establishment complete on server localhost/127.0
.0.1:2181, sessionid = 0x16d3faf4e4b001a, negotiated timeout = 40000
19/09/17 12:15:39 INFO Configuration.deprecation: hadoop.native.lib is deprecated. Instead, use io.na
tive.lib.available
Creating table..
```



## Q2. Now programmatically promote Bob to Sr. Engineer position and increase his salary by 5%.

java -cp

".:/usr/lib/hadoop/\*:/usr/lib/hadoop/lib/\*:/usr/lib/hadoop/clien t-0.20/\*:/usr/lib/hbase/\*:/usr/lib/hbase/lib/\*" hbaseTest.MyFirstHbaseTable2



## Q3. Find the number of rows in an HBase table

```
java -cp
".:/usr/lib/hadoop/*:/usr/lib/hadoop/lib/*:/usr/lib/hadoop/clien
t-0.20/*:/usr/lib/hbase/*:/usr/lib/hbase/lib/*"
hbaseTest.MyFirstHbaseTable3
```

```
sr/lib/hbase/lib/hbase-hadoop2-compat-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/lib/junit-4.12.jar:/usr/lib/
hbase/lib/hbase-annotations-1.2.0-cdh5.13.0.jar
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:java.library.path=/usr/java/packages/l
ib/amd64:/usr/lib64:/lib64:/lib:/usr/lib
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:java.io.tmpdir=/tmp
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:java.compiler=<NA>
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:os.name=Linux
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:os.arch=amd64
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:os.version=2.6.32-573.el6.x86_64
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:user.name=cloudera
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:user.home=/home/cloudera
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Client environment:user.dir=/home/cloudera/workspace/MyHb
ase/src
19/09/17 12:15:34 INFO zookeeper.ZooKeeper: Initiating client connection, connectString=localhost:218
1 sessionTimeout=90000 watcher=hconnection-0x4a0b12980x0, quorum=localhost:2181, baseZNode=/hbase
19/09/17 12:15:35 INFO zookeeper.ClientCnxn: Opening socket connection to server localhost/127.0.0.1:
2181. Will not attempt to authenticate using SASL (unknown error)
19/09/17 12:15:35 INFO zookeeper.ClientCnxn: Socket connection established, initiating session, clien
t: /127.0.0.1:51414, server: localhost/127.0.0.1:2181
19/09/17 12:15:35 INFO zookeeper.ClientCnxn: Session establishment complete on server localhost/127.0
.0.1:2181, sessionid = 0x16d3faf4e4b001a, negotiated timeout = 40000
19/09/17 12:15:39 INFO Configuration.deprecation: hadoop.native.lib is deprecated. Instead, use io.na
tive.lib.available
Creating table....
```