

## ASSIGNMENT 15.3

### creating a database 'employee'

```
mysql> create database employee;  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| b1 |  
| employee |  
| metastore |  
| mysql |  
| sample |  
| test |  
+-----+  
7 rows in set (0.00 sec)
```

```
mysql> use employee;  
Database changed
```

### creating a table 'empdata'

```
mysql> create table empdata(sno int,name varchar(50),age int,salary int);  
Query OK, 0 rows affected (0.01 sec)
```

### inserting values into the table 'empdata'

```
mysql> insert into empdata values (1,'Robin',20,20000),(2,'indhu','21',50000),(3,'elakia',22,30000),(4,'ramya',20,10000);  
Query OK, 4 rows affected (0.00 sec)  
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> select * from empdata;  
+-----+  
| sno | name | age | salary |  
+-----+  
| 1 | Robin | 20 | 20000 |  
| 2 | indhu | 21 | 50000 |  
| 3 | elakia | 22 | 30000 |  
| 4 | ramya | 20 | 10000 |  
+-----+  
4 rows in set (0.00 sec)
```

### granting all permissions:

```
mysql> grant all on *.* to 'root'@'localhost' with grant option;  
Query OK, 0 rows affected (0.00 sec)
```

## creating a table 'emp' in hbase

```
hbase(main):001:0> create 'emp','empinfo'
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/usr/local/hbase/lib/slf4j-log4j12-1.6.4.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/local/hadoop-2.6.0/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
2017-05-28 22:13:51,749 WARN [main] util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
0 row(s) in 12.7220 seconds

=> Hbase::Table - emp
hbase(main):002:0>
```

## sqoop import

```
[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/employee --username root -P --table empdata --hbase-table emp --column-family empinfo --hbase-row-key sno -m 1
```

## output

```
hbase(main):036:0> scan 'emp'
ROW COLUMN+CELL
1 column=empinfo:age, timestamp=1495991419636, value=20
1 column=empinfo:name, timestamp=1495991419025, value=Robin
1 column=empinfo:salary, timestamp=1495991419932, value=20000
1 column=empinfo:sno, timestamp=1495991418455, value=1
2 column=empinfo:age, timestamp=1495991420751, value=21
2 column=empinfo:name, timestamp=1495991420532, value=indhu
2 column=empinfo:salary, timestamp=1495991420907, value=50000
2 column=empinfo:sno, timestamp=1495991420213, value=2
3 column=empinfo:age, timestamp=1495991421628, value=22
3 column=empinfo:name, timestamp=1495991421445, value=elakia
3 column=empinfo:salary, timestamp=1495991421827, value=30000
3 column=empinfo:sno, timestamp=1495991421110, value=3
4 column=empinfo:age, timestamp=1495991422467, value=20
4 column=empinfo:name, timestamp=1495991422246, value=ramya
4 column=empinfo:salary, timestamp=1495991424255, value=10000
4 column=empinfo:sno, timestamp=1495991422028, value=4
4 row(s) in 0.5420 seconds
```