# Assignment14.4

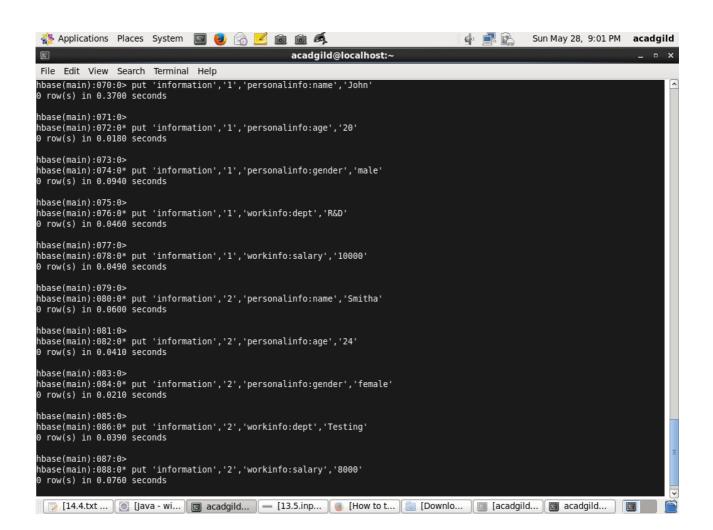
# **Integrate Hive with Hbase.**

Create a table in Hbase and store some data in it and create a hive table pointing to that hbase table.

#### **CREATING A TABLE IN HBASE**

```
hbase(main):069:0* create 'information','personalinfo','workinfo'
0 row(s) in 2.3980 seconds
=> Hbase::Table - information
```

#### STORING DATA IN HBASE TABLE



### CREATING A HIVE-TABLE POINTING TO HBASE TABLE

### **OUTPUT:**

#### COMPARING HBASE TABLE DATA WITH HIVE DATA

From the below pictures it is observed that after creating a hive table pointing to the hbase table "information" the values of the hbase table are loaded into hive table and hence the data are same both in hive and in hbase table.

hbase(main):090:0* scan 'infor	mation'
ROW	COLUMN+CELL
1	column=personalinfo:age, timestamp=1495985400752, value=20
1	column=personalinfo:gender, timestamp=1495985401010, value=male
1	column=personalinfo:name, timestamp=1495985400476, value=John
1	column=workinfo:dept, timestamp=1495985401228, value=R&D
1	column=workinfo:salary, timestamp=1495985401592, value=10000
2	column=personalinfo:age, timestamp=1495985402207, value=24
2	column=personalinfo:gender, timestamp=1495985402465, value=female
2	column=personalinfo:name, timestamp=1495985402028, value=Smitha
2	column=workinfo:dept, timestamp=1495985404397, value=Testing
2	column=workinfo:salary, timestamp=1495985404889, value=8000
2 row(s) in 0.5690 seconds	