Session 09: HBase

Assignment 2

**Problem Statement**

**Problem 1:**

Create an HBase table named 'clicks' with a column family 'hits' such that it should be able to

store last 5 values of qualifiers inside 'hits' column family.

**Problem 2:**

Add few records in the table and update some of them. Use IP Address as row-key. Scan the

table to view if all the previous versions are getting displayed.

**Solution**

**Problem 1:**

Create an HBase table named 'clicks' with a column family 'hits' such that it should be able to

store last 5 values of qualifiers inside 'hits' column family.

**hbase>** create 'clicks', {NAME=>'hits', VERSIONS=>5}



**Problem 2:**

Add few records in the table and update some of them. Use IP Address as row-key. Scan the

table to view if all the previous versions are getting displayed.

**Inserting data –**

**Hbase>** put 'clicks','192.0.225.11','hits:count','1'

**Hbase>** put 'clicks','192.0.225.11','hits:count','2'

**Hbase>** put 'clicks','192.0.225.11','hits:count','3'

**Hbase>** put 'clicks','192.0.225.11','hits:count','4'

**Hbase>** put 'clicks','192.0.225.11','hits:count','5'

**Hbase>** put 'clicks','192.0.225.11','hits:count','6'

**Hbase>** put 'clicks','192.0.225.11','hits:count','7'



**Displaying data -**

**Hbase>** get 'clicks', '192.0.225.11', {COLUMN => 'hits:count', VERSIONS => 2} **(last two get displayed)**

**O/p-** 

**Hbase>** get 'clicks', '192.0.225.11', {COLUMN => 'hits:count', VERSIONS => 5} **(last five get displayed)**

**O/p-** 

**Hbase>** get 'clicks', '192.0.225.11', {COLUMN => 'hits:count', VERSIONS => 10} **(last five get displayed)**

**O/p-** 