Practical 7:

workflow of JAQL (JSON (javascript object notation)

jaql is a query language for json.

it is allows to process both structured and nonstructured dada

sql to nosql -> jaql -> Hive (sql)

jaql allows to select,join,group,and filter the data stored in HDFS.

Where, Join,sort,Top, Expand

Builtin JAQl functions

Aggregate functions

Array Functions

Boolean

Binary

Core (Exception handling

Date

Hadoop Functions (mapReduce(),readConf(),loadjobConfig())

Example : A simple JAQL example that counts the number of tweets written in English by user

$tweets = read(hdfs("tweet\_log"));

$tweets filter $.iso\_langauge\_code = "en"

group by u = $.from\_user

into {user: $.from\_user total: sum($.retweet)}