start-hbase.cmd	hbase shell exib
stop-hbase.cmd	exi b
BASico	commands
status > return current	ommary
version - Setorn version	Status of System
table-help > info for 1	while related commands
cohoami > retorn.	MOTE ASIGNED COMPAGINGS.
A Committee of the Comm	
Creating table	
create < table: name>, <	calula and and a
7(Alvini Jan 19 - Creale all la	(')
er emp table-name	lumn-family 2
ex emp table-hame	
column ramilies = person	al data, Professional-dat
screate "emp", "presonal	data", "Professional-date
A A SH	
+To delek or charge 1	ls seltings first
we need to disable the	table.
+disable ing disallow o	osers to perform any
operations on table	to check weller table
Idisable "étable-name"	is enabled or disabled
to enable table	\$ is enabled " brane"
Lenable tablename.	is disabled "b-me"
	\$ dir 1 3
larop "table_name"	
	disable-all "xx"
	-

•
Janserting new column family:
after "table-name", & NAME => "New-column_
family', VERSIONS => 1.3
no ofversions tokeep in
no ofversions to keep in
Tell how each cell in a columnamy
many previous versions of Tell hostox.
-J'deleting new column Family:
alter "table name", & Delete delek =) "cfname"
> Renaming Column Family:
* O * Not possible:
1 -3 detektions copy one column family to
new column family and delete old
column family.
puting thedata.
* quantifies are created while poting the
dala.
the execting bable.
pot "table name", "row-key", "totomn
column-family " 11 column - quantified
3 Value"
put "emp", "row!", 'personal information & name?
'Pavan 1'

columname = "colomn family" redname
C.S.G.I.V. J. St. V.
adum
detecting the column family delek => "column family name"
exists -> cherify table exist or not
exits (1b-name)
Drupdaring colum value
put "table name ", "row key", "column family"
· Column name, "new-value"
*getting (Reading data from Hbase Shell)
get 'Stable names, "row" " " " " " " " " " " " " " " " " " "
rowreg
getting (reading data from specie row, column)
get 12 table names, 11 row 1, 3 column =
(column family: column rame) 3
Deleting a specific cell in table.
delote 'stable-names", "rowkey", "(olumn-
name 11, "time_stamp"
deleting all cells in a row
deleteall "xtable-rame > ", " row"
delek "Ho-name" -> delek all the table.

@ specify col name, column family. 3 create the table HTable Descriptor -> specify the edomin (colonalismily Connection -> Connect nbert. MBAdmin -> create table HolomoDescriptor -> Specifying column

Java Codes

Creation of the table.
import org Afache hadoop conf Configuration;
bbase. HBase Configurations
· client · Connection Factory;
· Connection;
·Adminj
· HTable Descriptori
· Table Namej
Import on another todoop. Jaw tott Totacephon Huraus Totacephio
Poblic static void main (String args[]) ? Configuration configuration(create())
Configuration conf = not Base Configuraction (create())
Connection conn = #B Connection Factory · Greak Connection (cont)
Admin admin = Connecti: get Admin()
Tabellane Tol = new HTable Descriptor (Tablellame · Value Of ("mylable)
gania.
The adtamily (new H Column Descriptor (Bute pytomay colfam)
The adtamily (new H Column Descriptor (Byte by Kanay colfams) (I admin-Table Exists (Table Name. Value Of ("my hable")))
admin. creak Table ((Hb))
2

•
insertion of data
import orgapache.hadoop.conf. (onfiguration)
· hbase · HBase Coligorationi
· hbase · Client · Connection;
· (onnection factory · Table Name)
· Tablej
· Delete
· otil. Bytes;
Class Delete Table & throw IOException.
Class Delete lable & throw 10 Exception. Public static Void main (String ergs[]) { Configuration conf = HBase (on figuration - Greate Configuration) restant)
Configuration config HPage (when him is a 1 8)
Thase on rigoration - Gente Contigue
Carrenting comma () to to 1 co 100' 1 co
Connection conn = ConnectionFactory CreakConnection(
Table +61 = Conniget Table (Table Name, Value Of ("mykh")
pot pots = new Put("1");
pot1 - add Family (Bytes. to Bytes ("CII")) Bytes to Bytes ("cola")
Bytes. to Bytes (" valuez"));
414 0160 (4)
161. (lose ()
191. (lox()

Deleting data.	•			
			1	
	*	*	4	,
	P 3	6. :		
	, ' \ ,			
class Delete Tabl	P &	A	throws TO	Exception
public static				1
Configuration o	conf = HBC	ase Configu	ration. Cred	rite();
Connection Conr				
		,	(cor	
Table Hot = Co	ann.aet-	Table (T	AblaNlas	26-2-1-26
	3	iable	(m babl	
Delete delete	- ha. 2 5	Dalala (D		
delete add Family	" Dalas L	Delek Co	yres. to Bytes	
dercico ana panile) c lagres to	Ingres Cold	2 Hamily")	.17.
			tes ("colNan	
11 - 1 - 2 - 2 - 2	•		· · · · · · · · · · · · · · · · · · ·	1
Ab I delete (delete)	,	•		
Hos. Close ()			4	,

ï
Retriving data
Mer ving Gerry
class Retriving Data ?
public static void main (String args[]) throws
IOException?
Enfiguraction conf = HB (onfiguration. createl);
Connection Conn = Connection Factory · create Connection
Table Hd = conniget Table (Table Name value Of
"mytable"
11getting row
Get get1 = new Get ("1");
1/801+
Result result= abl.get(get1);
Byte [] valued = resultiget Value (Bytes
byte 1.1 values - 155016 Jest to
,