

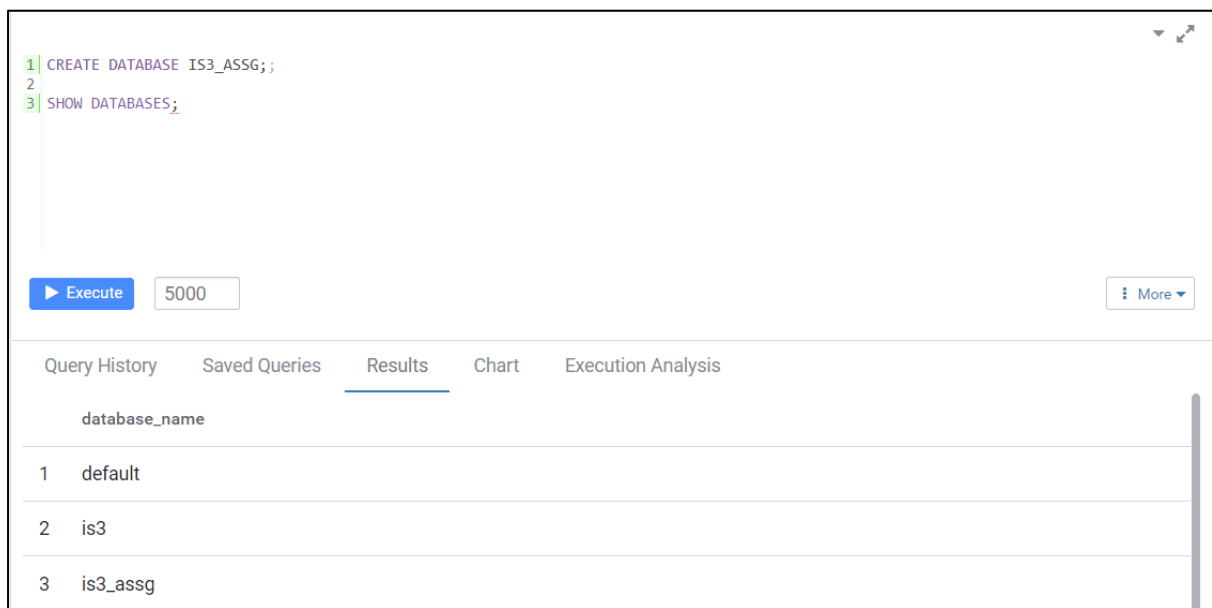
Step 1: To run the Hadoop Hive command I am using the online terminal.

Link - <https://demo.gethue.com/>

Step 2: Login to the terminal with the given username and password on the login page. (in my case I have "demo" as username as password.

Hive Commands:

1. Create Database –



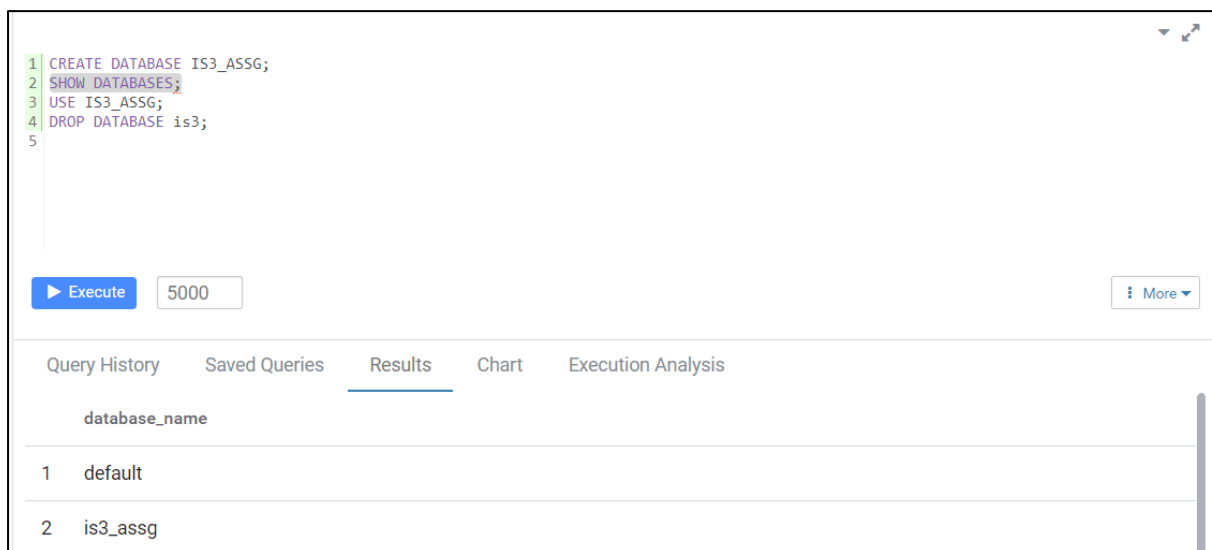
The screenshot shows the Hue Hive interface. The SQL editor contains the following commands:

```
1 CREATE DATABASE IS3_ASSG;;
2
3 SHOW DATABASES;
```

Below the editor is an "Execute" button and a text input field containing "5000". To the right is a "More" dropdown menu. Below the editor, the "Results" tab is selected, displaying a table with the following data:

	database_name
1	default
2	is3
3	is3_assg

2. Drop Database –



The screenshot shows the Hue Hive interface. The SQL editor contains the following commands:

```
1 CREATE DATABASE IS3_ASSG;
2 SHOW DATABASES;
3 USE IS3_ASSG;
4 DROP DATABASE is3;
5
```

Below the editor is an "Execute" button and a text input field containing "5000". To the right is a "More" dropdown menu. Below the editor, the "Results" tab is selected, displaying a table with the following data:

	database_name
1	default
2	is3_assg

3. Create Table –

```
1 CREATE DATABASE IS3_ASSG;
2 SHOW DATABASES;
3 USE IS3_ASSG;
4 DROP DATABASE is3;
5
6 CREATE TABLE IS3_Student(stud_name STRING, roll_no INT, bda_marks INT, dl_marks INT, grade STRING);
```

▶ Execute

5000

⋮ More ▼

Query History

Saved Queries

Results

Chart

Execution Analysis

Search...

🗑️ Clear

📄 Export

📄 Import

1 second ago

✓

CREATE TABLE IS3_Student(stud_name STRING, roll_no INT, bda_marks INT, dl_marks INT, grade STRING)

4. Describe –

```
1 CREATE DATABASE IS3_ASSG;
2 SHOW DATABASES;
3 USE IS3_ASSG;
4 DROP DATABASE is3;
5
6 CREATE TABLE IS3_Student(stud_name STRING, roll_no INT, bda_marks INT, dl_marks INT, grade STRING);
7 SHOW TABLES;
8 DESCRIBE IS3_Student;
```

▶ Execute

5000

⋮ More ▼

Query History

Saved Queries






Results

Chart



Execution Analysis

	col_name	data_type	comment
1	stud_name	string	
2	roll_no	int	
3	bda_marks	int	
4	dl_marks	int	
5	grade	string	

5. Alter Table –

 Hive  Add a name... Add a description...   

```
2 SHOW DATABASES;
3 USE IS3_ASSG;
4 DROP DATABASE is3;
5
6 CREATE TABLE IS3_Student(stud_name STRING, roll_no INT, bda_marks INT, dl_marks INT, grade STRING);
7 SHOW TABLES;
8 DESCRIBE IS3_Student;
9
10 ALTER TABLE IS3_Student ADD COLUMNS(department STRING);
11 DESCRIBE IS3_Student;
```

 Execute 

Query History

Saved Queries






Results

Chart



Execution Analysis

	col_name	data_type	comment
1	stud_name	string	
2	roll_no	int	
3	bda_marks	int	
4	dl_marks	int	
5	grade	string	
6	department	string	

6. Insert Into –

 Hive  Add a name... Add a description...   

```
6 CREATE TABLE IS3_Student(stud_name STRING, roll_no INT, bda_marks INT, dl_marks INT, grade STRING);
7 SHOW TABLES;
8 DESCRIBE IS3_Student;
9
10 ALTER TABLE IS3_Student ADD COLUMNS(department STRING);
11 DESCRIBE IS3_Student;
12
13 INSERT INTO IS3_Student(stud_name,roll_no,bda_marks,dl_marks,grade) VALUES("Pushkar",2203528,9,9,"A");
14 SELECT *FROM IS3_Student;
```

 Execute 

Query History

Saved Queries





Results

Chart

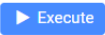

Execution Analysis

	is3_student.stud_name	is3_student.roll_no	is3_student.bda_marks	is3_student.dl_marks	is3_student.grade	is3_student.depart
1	Pushkar	2203528	9	9	A	NULL

7. Advance Select Query –

 Add a name... Add a description...   





```
14 SELECT *FROM IS3_Student;
15
16 INSERT INTO IS3_Student(stud_name,roll_no,bda_marks,d1_marks,grade,department) VALUES("abc",2200001,7,5,"A","CSE");
17 SELECT *FROM IS3_Student;
18
19 INSERT INTO IS3_Student(stud_name,roll_no,bda_marks,d1_marks,grade,department) VALUES("xyz",2200002,6,3,"B","CSE");
20 SELECT *FROM IS3_Student;
21
22 SELECT * FROM IS3_Student WHERE bda_marks >=8 AND grade="A";
23
```

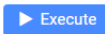

Query History Saved Queries Results Chart Execution Analysis

	is3_student.stud_name	is3_student.roll_no	is3_student.bda_marks	is3_student.dl_marks	is3_student.grade	is3_student.depart
1	Pushkar	2203528	9	9	A	NULL

8. Update – (not working due to restriction)

 Add a name... Add a description...   

```
16 INSERT INTO IS3_Student(stud_name,roll_no,bda_marks,d1_marks,grade,department) VALUES("abc",2200001,7,5,"A","CSE");
17 SELECT *FROM IS3_Student;
18
19 INSERT INTO IS3_Student(stud_name,roll_no,bda_marks,d1_marks,grade,department) VALUES("xyz",2200002,6,3,"B","CSE");
20 SELECT *FROM IS3_Student;
21
22 SELECT * FROM IS3_Student WHERE bda_marks >=8 AND grade="A";
23
24 UPDATE IS3_Student SET department = "CSE" WHERE roll_no = 2203528;
```

Query History Saved Queries Results Chart Execution Analysis

Errors

Error while compiling statement: FAILED: SemanticException [Error 10294]: Attempt to do update or delete using transaction manager that does not support these operations.

Logs

There are currently no logs available.

Database and Table information –

Search your documents

default.is3_student

Filter...

Column (6)	Type	Description	Sample
stud_name	string	Pushkar	abc
roll_no	int	2203528	2200001
bda_marks	int	9	7
dL_marks	int	9	5
grade	string	A	A
department	string	NULL	CSE

Dashboard Table Browser

default

Tables (3)

Filter...

baseworker

is3_student

stud_name (string)

roll_no (int)

bda_marks (int)

dL_marks (int)

grade (string)

department (string)

kl01

marks INT, d1_marks INT, grade STRING);

ution Analysis

More

Select and execute a query to see the result.