Perform the following in HIVE operations:

1. Create a Customer_Details Database

CREATE DATABASE IF NOT EXISTS Customer_Details;
USE Customer_Details;
SHOW DATABASES;

2. Create a table called Customer_Data
(cust_code,cust_name,cust_city,working_area,phone_no,agent_code)

CREATE TABLE Customer_Data (
    cust_code STRING,
    cust_name STRING,
    cust_city STRING,
    working_area STRING,
    phone_no STRING,
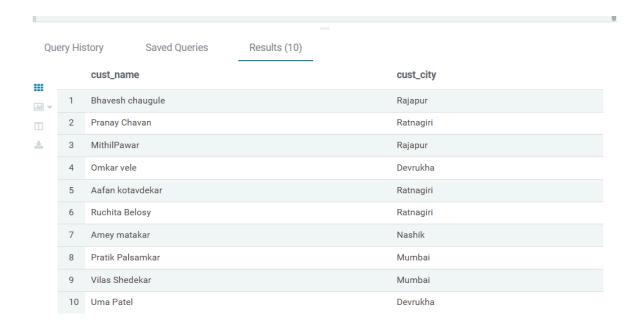   agent_code STRING
)
ROW FORMAT DELIMITED
FIELDS TERMINATED BY ','
STORED AS TEXTFILE;
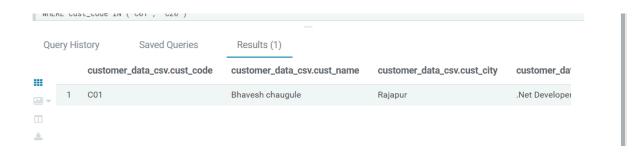
3. Insert data from a .csv file (10 records)

4. **Write a query that returns all the customer name and customer country**

SELECT cust_name, cust_city
FROM `customer_details`.customer_data_csv;

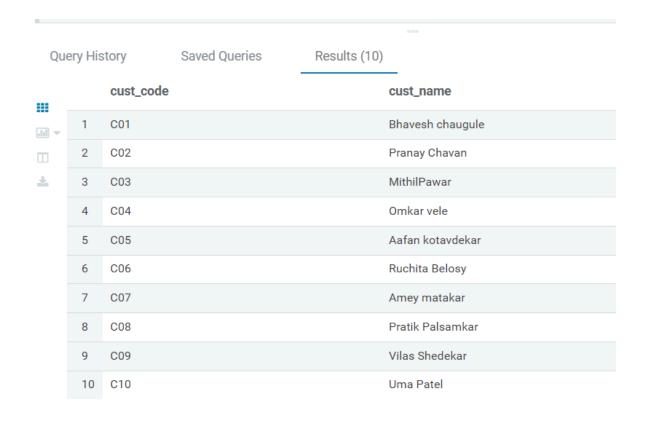|	cust_name	cust_city
1	Bhavesh chaugule	Rajapur
2	Pranay Chavan	Ratnagiri
3	MithilPawar	Rajapur
4	Omkar vele	Devrukha
5	Aafan kotavdekar	Ratnagiri
6	Ruchita Belosy	Ratnagiri
7	Amey matakar	Nashik
8	Pratik Palsamkar	Mumbai
9	Vilas Shedekar	Mumbai
10	Uma Patel	Devrukha

5. Display all customer where customer code is 'C01' or 'C20'

SELECT *
FROM `customer_details`.customer_data_csv
WHERE cust_code IN ('C01', 'C20');

	customer_data_csv.cust_code	customer_data_csv.cust_name	customer_data_csv.cust_city	customer_da
1	C01	Bhavesh chaugule	Rajapur	.Net Developer

6. Display all information where customer cust_code and cust_name
SELECT cust_code, cust_name
FROM `customer_details`.customer_data_csv;

	cust_code	cust_name
1	C01	Bhavesh chaugule
2	C02	Pranay Chavan
3	C03	MithilPawar
4	C04	Omkar vele
5	C05	Aafan kotavdekar
6	C06	Ruchita Belosy
7	C07	Amey matakar
8	C08	Pratik Palsamkar
9	C09	Vilas Shedekar
10	C10	Uma Patel

7. Display the customer information for area_code=a101
SELECT *
FROM `customer_details`.customer_data_csv
WHERE agent_code = 'A101';

8. Display the city wise details.
SELECT cust_city, COLLECT_SET(cust_name) AS customer_names
FROM `customer_details`.customer_data_csv
GROUP BY cust_city;

	cust_city	customer_names
1	Devrukha	["Omkar vele","Uma Patel"]
2	Mumbai	["Pratik Palsamkar","Vilas Shedekar"]
3	Nashik	["Amey matakar"]
4	Rajapur	["Bhavesh chaugule","MithilPawar"]
5	Ratnagiri	["Pranay Chavan","Aafan kotavdekar","Ruchita Belosy"]

9. Rename the table to customer_Details

ALTER TABLE `customer_details`.customer_data_csv RENAME TO
`customer_details`.customer_Details;
SELECT * FROM `customer_details`.customer_Details;

		customer_details.cust_code	customer_details.cust_name	customer_details.cust_city	customer_details.working_area	customer_details.phone_no
	1	C01	Bhavesh chaugule	Rajapur	.Net Developer	7743902236
	2	C02	Pranay Chavan	Ratnagiri	.Net Developer	9860195017
	3	C03	MithilPawar	Rajapur	Java Developer	8795143041
	4	C04	Omkar vele	Devrukha	Android Developer	987461234
	5	C05	Aafan kotavdekar	Ratnagiri	Software Tester	778489512
	6	C06	Ruchita Belosy	Ratnagiri	Php developer	9815782502
	7	C07	Amey matakar	Nashik	HR Management	7892154878
	8	C08	Pratik Palsamkar	Mumbai	HR Management	8795689266
	9	C09	Vilas Shedekar	Mumbai	Software Tester	98746128201
	10	C10	Uma Patel	Devrukha	Php developer	987461278

10. Rename the column 'cust_name to 'Cname'
ALTER TABLE `customer_details`.customer_Details CHANGE cust_name Cname STRING;
SELECT * FROM `customer_details`.customer_Details;

		customer_details.cust_code	customer_details.cname	customer_details.cust_city	customer_details.working_area	customer_details.phone_no
	1	C01	Bhavesh chaugule	Rajapur	.Net Developer	7743902236
	2	C02	Pranay Chavan	Ratnagiri	.Net Developer	9860195017
	3	C03	MithilPawar	Rajapur	Java Developer	8795143041
	4	C04	Omkar vele	Devrukha	Android Developer	987461234
	5	C05	Aafan kotavdekar	Ratnagiri	Software Tester	778489512
	6	C06	Ruchita Belosy	Ratnagiri	Php developer	9815782502
	7	C07	Amey matakar	Nashik	HR Management	7892154878
	8	C08	Pratik Palsamkar	Mumbai	HR Management	8795689266
	9	C09	Vilas Shedekar	Mumbai	Software Tester	98746128201
	10	C10	Uma Patel	Devrukha	Php developer	987461278