

```
-- Day-2 | 24th March, 2023
```

```
-- CREATE TABLE AGENTS
```

```
create table Agents(  
  
    AgentID int primary key identity(100,1),  
    AgFirstName varchar(30),  
    AgLastName varchar(30),  
    AgPhone varchar(10) unique,  
    AgEmail varchar(30) unique,  
    AgStreet varchar(30),  
    AgCity varchar(30),  
    AgState varchar(30),  
    AgZipCode varchar(6)  
  
);
```

```
-- FETCH DATA
```

```
select * from Agents;
```

```
-- INSERT RECORDS OR DATA
```

```
insert into Agents  
    (AgFirstName,AgLastName,AgPhone,AgEmail,AgStreet,AgCity,AgState,AgZipCode)  
values  
( 'Alexa1', 'Echo', 9876543211, 'ae1@amazon.com', '5th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa2', 'Echo', 9876543212, 'ae2@amazon.com', '6th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa3', 'Echo', 9876543213, 'ae3@amazon.com', '7th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa4', 'Echo', 9876543214, 'ae4@amazon.com', '8th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa5', 'Echo', 9876543215, 'ae5@amazon.com', '9th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa6', 'Echo', 9876543216, 'ae6@amazon.com', '10th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa7', 'Echo', 9876543217, 'ae7@amazon.com', '2nd  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa8', 'Echo', 9876543218, 'ae8@amazon.com', '3rd  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa9', 'Echo', 9876443219, 'ae9@amazon.com', '4th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa10', 'Echo', 9875543210, 'ae10@amazon.com', '5th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa11', 'Echo', 9872543210, 'ae11@amazon.com', '5th  
    Street', 'Gurgaon', 'Haryana', 340982),  
( 'Alexa12', 'Echo', 9871543210, 'ae12@amazon.com', '5th
```

```

    Street', 'Gurgaon', 'Haryana', 340982),
('Alexa13', 'Echo', 9878543210, 'ae13@amazon.com', '5th
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa14', 'Echo', 9876553210, 'ae14@amazon.com', '7th
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa15', 'Echo', 9876543010, 'ae15@amazon.com', '9th
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa16', 'Echo', 9276543210, 'ae16@amazon.com', '5th
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa17', 'Echo', 9376543210, 'ae17@amazon.com', '8th
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa18', 'Echo', 9576543210, 'ae18@amazon.com', '5th
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa19', 'Echo', 9676543210, 'ae19@amazon.com', '2nd
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa20', 'Echo', 9776543210, 'ae20@amazon.com', '5th
Street', 'Gurgaon', 'Haryana', 340982),
('Alexa21', 'Echo', 9176543210, 'ae21@amazon.com', '2nd
Street', 'Gurgaon', 'Haryana', 340982)

```

```
-- CREATE TABLE Customers1
```

```

create table Customers1(

    CustomerID int primary key identity(100,1),
    CustomerFirstName varchar(30),
    CustomerLastName varchar(30),
    CustomerPhone varchar(10) unique,
    CustomerEmail varchar(30) unique,
    CustomerStreet varchar(30),
    CustomerCity varchar(30),
    CustomerState varchar(30),
    CustomerZipCode int
);

```

```
-- FETCH RECORDS.....
```

```
SELECT * FROM Customers1;
```

```
-- INSERT DATA....
```

```
INSERT INTO Customers1 VALUES
```

```

('Apple', 'Siri', 9070543211, 'siri@apple.com', '5th
Street', 'Gurgaon', 'Haryana', 340982),
('Amazon', 'Kindle', 9876544211, 'Kindle@amazon.com', 'A
Block', 'Dehradun', 'Uttarakhand', 340322),
('Ayush', 'Sharma', 9873543211, 'ayush@gmail.com', '8th
Street', 'Lucknow', 'UttarPradesh', 340981),
('Priyanka', 'Mathur', 7234567890, 'pm@gmail.com', 'a
block', 'Chandigarh', 'Punjab', 120012),

```

```

....bhayana\Documents\SQL Server Management Studio\Day_2.sql 3
('Saurabh','Agarwal',9971328227,'agarwarmcem@gmail.com','Sector 74','Uttar  ↗
Pradesh','Noida',201301),
('Shraddha','Agarwal',7428653494,'agarwalshr@gmail.com','Sector 74','Uttar  ↗
Pradesh','Noida',201301),
('Ankur','Sharma',7428653495,'ankur@gmail.com','A7\2','Delhi','Delhi',110007),
('Rahul','Gupta',7428653497,'rahur@gmail.com','A7\6','Delhi','Delhi',110007),
('Raman','Sachdeva',7428653496,'raman@gmail.com','A7\9','Delhi','Delhi',110007),
('Sumit','Arora',9985562525,'sumit@rediff.com','101-  ↗
plo1','Karnataka','Banglore',1156563)

-- Fetch records where CustomerCity is Delhi.....
select * from Customers1 where CustomeCity='Delhi';

-- Fetch records where CustomerCity is Delhi and State is also DELHI.....
select * from Customers1 where CustomeCity='Delhi' AND CustomeState='Delhi';

-- FETCH RECORDS WHICH INCLUDES 'GMAIL.COM' IN THE EMAIL.....
SELECT * FROM Customers1 WHERE CustomeEmail LIKE '%gmail.com';

-- Fetch records where Customers name begins with 'S' .....
SELECT * FROM Customers1 WHERE CustomerFirstName LIKE 'S%';

-- Fetch records where Customer name starts and ends with 'a' .....
SELECT * FROM Customers1 WHERE CustomerFirstName LIKE 'A%a' or CustomeLastName  ↗
LIKE 'A%a';

-- Fetch records where customername includes 's' in their name .....
SELECT * FROM Customers1 WHERE CustomerFirstName LIKE '%s%';

-- Fetch Distinct records from customers .....
SELECT DISTINCT CustomerFirstName,CustomeZipCode FROM Customers1;
SELECT * FROM Customers1;

-- Fetch records by the count of city name or just simply club them by their city  ↗
names.....
SELECT CustomeCity, count(CustomeCity) as CityCount FROM Customers1 GROUP BY  ↗
CustomeCity

-- Practice of Group By Clouse .....
SELECT CustomeCity, COUNT(CustomeCity) AS CityCount from Customers1 Group BY  ↗
CustomeCity HAVING COUNT(CustomeCity) = 1;

SELECT CustomeCity, COUNT(CustomeCity) AS CityCount from Customers1 Group BY  ↗

```

```
    CustomeCity HAVING COUNT(CustomeCity) > 1;
```

```
SELECT CustomeCity, COUNT(CustomeCity) AS CityCount from Customers1 Group BY  
    CustomeCity HAVING COUNT(CustomeCity) = 2;  ↗
```

```
-- ORDER BY CLAUSE
```

```
SELECT * FROM Customers1 ORDER BY CustomerFirstName;  
SELECT CustomerFirstName,CustomeCity FROM Customers1 ORDER BY CustomerFirstName  
    DESC;  ↗
```