

DAY 9:

## ASSIGNMENT 1 :

Q) Assignment 1: Write a SELECT query to retrieve all columns from a 'customers' table, and modify it to return only the customer name and email address for customers in a specific city.

ANSWER :

STEP 1 :- Original Query:

- Start with the original query that retrieves all columns from the 'customers' table.

sql

```
SELECT * FROM customers;
```

This query returns all columns of data for all customers in the 'customers' table.

## STEP 2 : Modification to Retrieve Specific Columns:

- Instead of selecting all columns (\*), specify the columns you want to retrieve. In this case, you want the customer name and email address.

sql

```
SELECT customer_name, email_address
```

## STEP 3 : Filtering by City:

- Add a WHERE clause to filter the results to only include customers in a specific city. For example, if you want customers in 'New York', you would specify city = 'New York'.

sql

```
WHERE city = 'New York'
```

## STEP 4 : Putting it Together:

- Combine the modified column selection and the WHERE clause to create the final query.

sql

```
SELECT customer_name, email_address FROM  
customers WHERE city = 'New York';
```

This query will return only the customer name and email address for customers located in the city of 'New York'.

By following these steps, you can modify the original query to retrieve specific columns for customers in a particular city.

Code :

Retrieve all columns from the 'customers' table

```
SELECT * FROM customers;
```

Select customer name and email address

```
SELECT customer_name, email_address
```

```
WHERE city = 'New York';
```

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Output of the code snippet is the final SQL query:

sql

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#### 4. Putting it Together:

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