Nama : Yosianus Antonio

No Perserta : FSDO002ONL007

Alamat : Lampung

Sesi06 - Database Query:

1. Create DB

Query : CREATE DATABASE STAFF

Screenshot :

Graphical user interface, text, application

Description automatically generated

1. Create table

**Query:**

CREATE TABLE DATASTAFF(

NIK INT PRIMARY KEY,

NAMA VARCHAR(50) NULL,

ALAMAT VARCHAR(100) NULL,

HANDPHONE VARCHAR(15) NULL);

**Screenshot:**

Graphical user interface, text, application

Description automatically generated

1. Insert value

**Query:**

INSERT INTO DATASTAFF(NIK,NAMA,ALAMAT,HANDPHONE)

VALUES(820037,'Yosianus','Bandar Lampung','081278757447');

**Screenshot:**

Graphical user interface, application, Word

Description automatically generated

1. Masukkan lebih dari 1 data ke dalam table data masih dalam table diatas

Query:

INSERT INTO DATASTAFF(NIK,NAMA,ALAMAT,HANDPHONE)VALUES(810037,'Antonio','Tanggamus Lampung','081278757487');

INSERT INTO DATASTAFF(NIK,NAMA,ALAMAT,HANDPHONE)VALUES(820033,'Riska','Bandar Jaya','0812789898');

Graphical user interface, application, Word

Description automatically generatedScreenshot:

1. Tambahkan kolom baru pada table data\_staff yaitu joindate sekaligus masukan 1 data kedalam table data\_staff

Query:

ALTER TABLE DATASTAFF

ADD JOINDATE DATE;

INSERT INTO DATASTAFF(NIK,NAMA,ALAMAT,HANDPHONE,JOINDATE)VALUES(820039,'Selviani','Metro','081278989890', '2021-11-24');

Graphical user interface, application, Word

Description automatically generatedScreenshot:

1. Tampilkan 2 data SQL kalian sekarang

Query:

SELECT TOP (2) \*

FROM [STAFF].[dbo].[DATASTAFF];

SELECT \* From STAFF limit 2;

Graphical user interface, text, application

Description automatically generatedScreenshot:

1. Tampilkan 3 data SQL kalian sekarang

Query:

SELECT top(3) \*

FROM [Staff].[dbo].[DataStaff]

Graphical user interface, application

Description automatically generatedScreenshot:

1. Buat Table baru staffoutsource dengan isi yang sama seperti data\_staff

Query:

CREATE TABLE StaffOutSource (

NIK int PRIMARY KEY,

Nama VARCHAR(50) NULL,

Alamat VARCHAR(100) NULL,

Handphone VARCHAR(15) NULL,

JoinDate Date);

Screenshot:

Graphical user interface, text, application

Description automatically generated

1. Masukkan 10 data baru ke table staffoutsource

Query:

INSERT INTO dbo.STAFF\_OUTSOURCE(NIK,nama,alamat,handphone,JoinDate)VALUES

(830039,'Selviani','Kota Bumi','081278989890', '2021-11-21'),

(830045,'Yefta','Tanggamus','084123123133', '2021-11-10'),

(830067,'Agung','Jakarta Selatan','08123131312', '2021-11-13'),

(830063,'Syaza','Ciampelas','08123123345', '2021-10-13'),

(830015,'Yogie Almansyah','Cimahi','08125674353', '2021-11-04'),

(830062,'Joko','Jakarta barat','081239127789', '2021-09-05'),

(830054,'Indah Ayu','Bogor','08125674353', '2021-11-05'),

(830041,'Yogaa Ardiansyah','Bandung','081731231434', '2021-11-05'),

(830023,'Dodi farhan','Lampung Tengah','08986755764', '2021-11-05'),

(830042,'Renaldi Saga','Bandung','08798967678', '2021-11-08');

Screenshot:

Graphical user interface, application

Description automatically generated

1. Tampilkan data pada 2 Table yang sudah kalian buat dengan joindate yang sama

Query:

SELECT \* FROM DATA\_STAFF AS DS

JOIN STAFF\_OUTSOURCE AS SO

ON DS.JOINDATE = SO.JOINDATE

Screenshot:

Graphical user interface, text, application

Description automatically generated

1. Tampilkan seluruh data sebelah kanan yang sama pada table staff\_outsource

Query:

SELECT \* FROM DATA\_STAFF AS DS

RIGHT JOIN STAFF\_OUTSOURCE AS SO

ON DS.JOINDATE = SO.JOINDATE

Screenshot:

Graphical user interface, application

Description automatically generated

1. Tampilkan seluruh data staff sebelah kiri yang punya nilai tidak sama akan bernilai null

Query:

SELECT \* FROM DATA\_STAFF AS DS

LEFT JOIN STAFF\_OUTSOURCE AS SO

ON DS.JOINDATE = SO.JOINDATE

where DS.JOINDATE is null

Screenshot:

Graphical user interface, application

Description automatically generated

1. Tampilkan seluruh data antara 2 tabel baik itu tidak punya kesamaan dan bernilai null.

Query:

SELECT \* FROM DATA\_STAFF AS DS

LEFT JOIN STAFF\_OUTSOURCE AS SO

ON DS.JOINDATE = SO.JOINDATE

where DS.JOINDATE is null

union all

SELECT \* FROM DATA\_STAFF AS DS

RIGHT JOIN STAFF\_OUTSOURCE AS SO

ON DS.JOINDATE = SO.JOINDATE

Screenshot:

Graphical user interface, application, table

Description automatically generated