

# **Tugas Week 3**

## **Basis Data**

### **Create Database and Table**

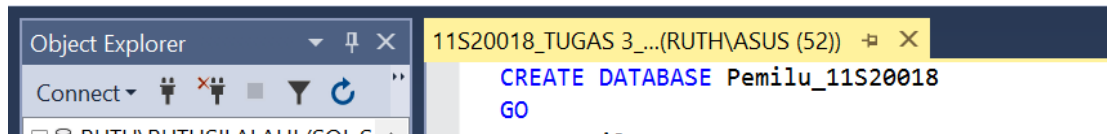


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**NIM: 11S20018**  
**Program Studi: Informatika**

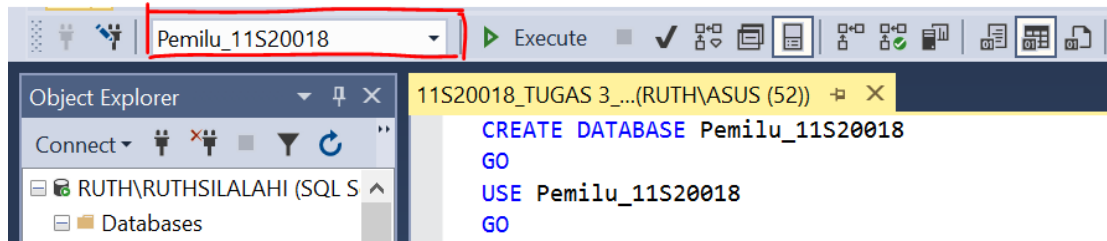
**INSTITUT TEKNOLOGI DEL**  
**FAKULTAS INFORMATIKA DAN TEKNIK**  
**ELEKTRO**

## 1. Pembuatan database

a) Create database Pemilu\_11S20018

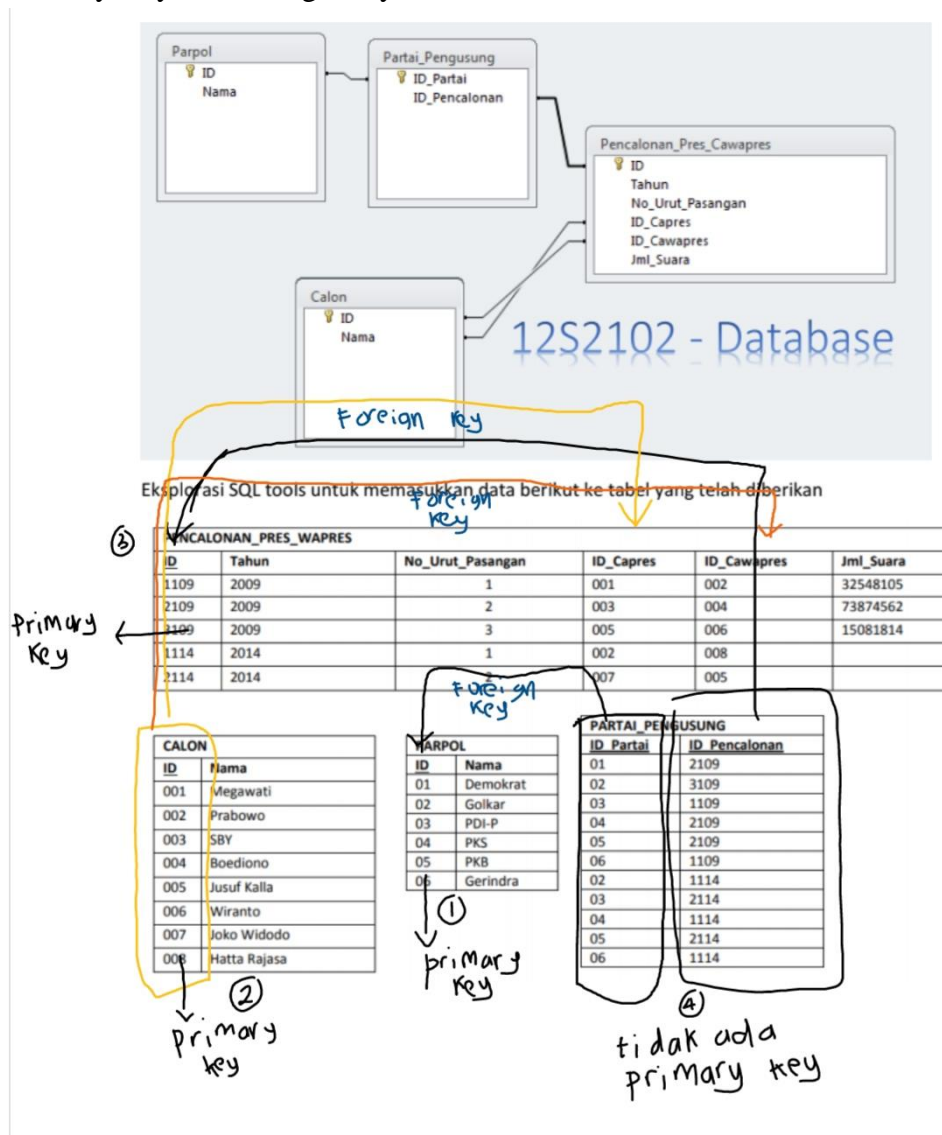


b) Use database Pemilu\_11S20018

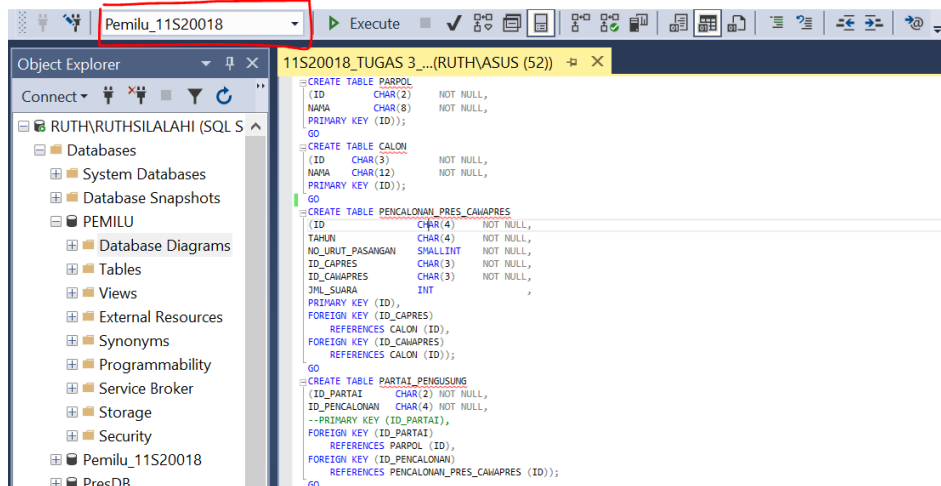


## 2. Pembuatan tabel dengan relasinya

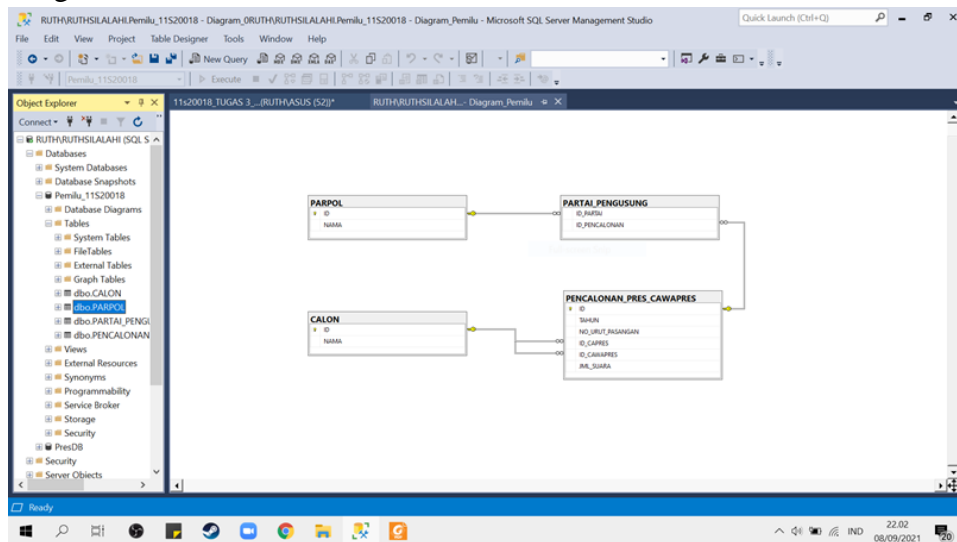
a) Primary Key dan Foreign Key



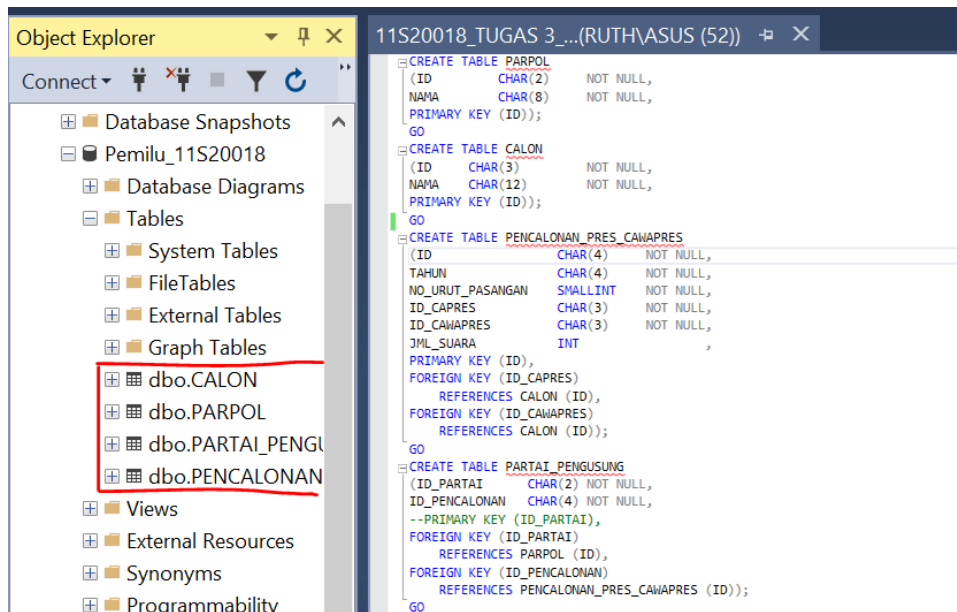
## b) Create table



## c) Diagram Relasi

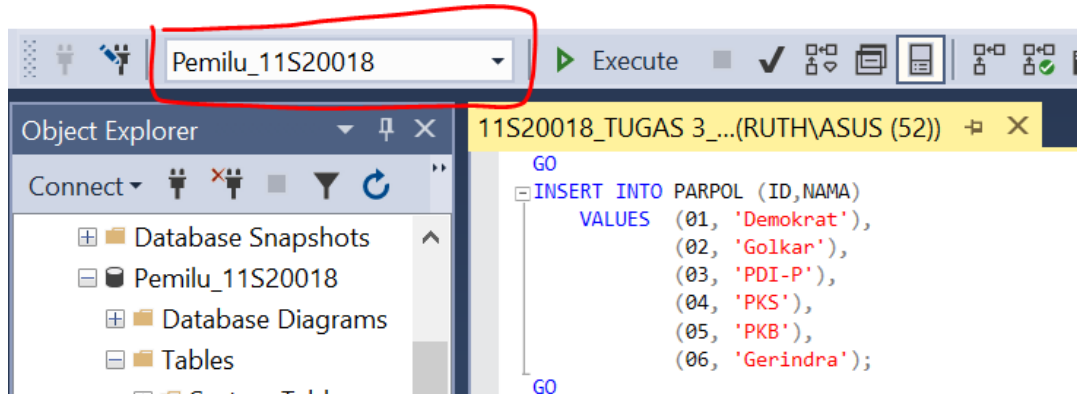


## d) Cek tabel

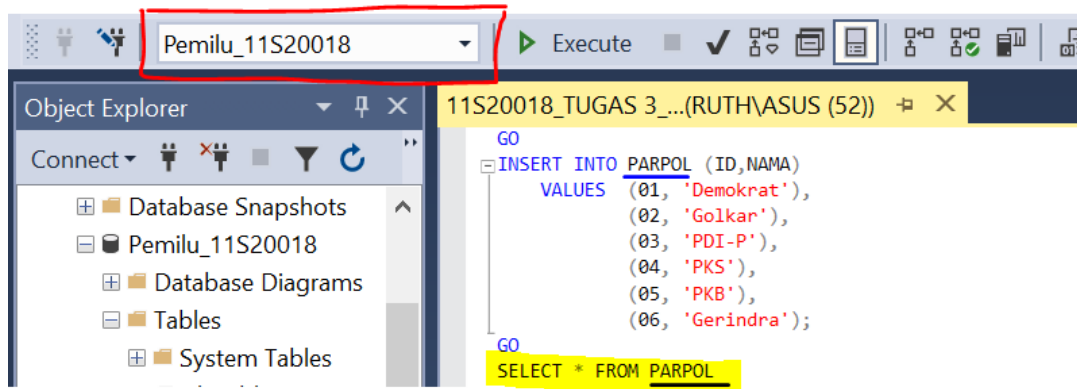


### 3. Input data ke dalam tabel

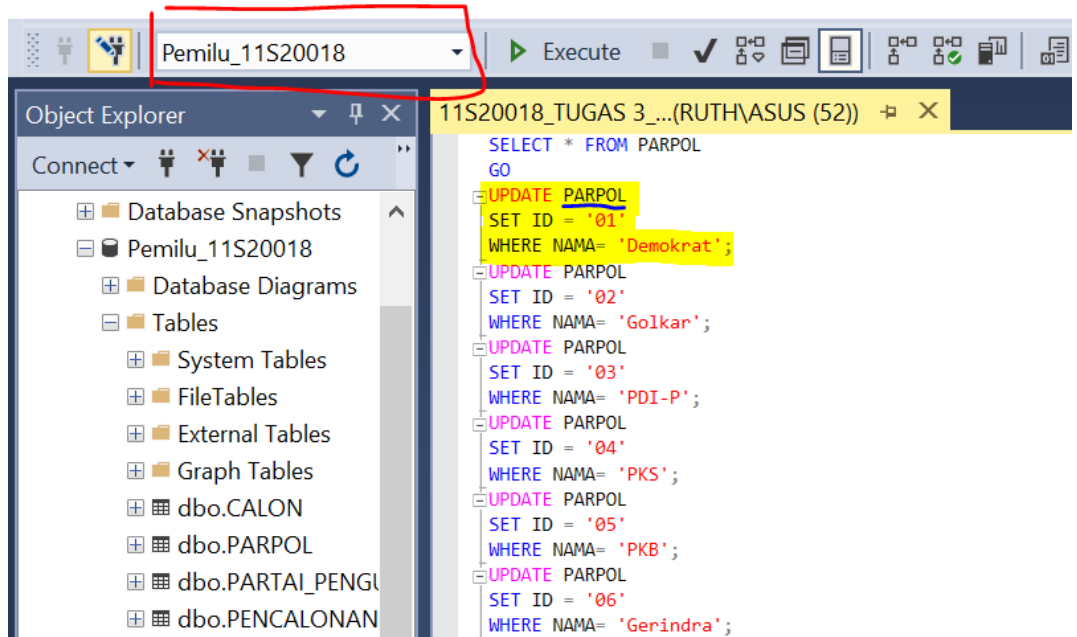
a) Insert into *table\_name*



b) Cek *table\_name*

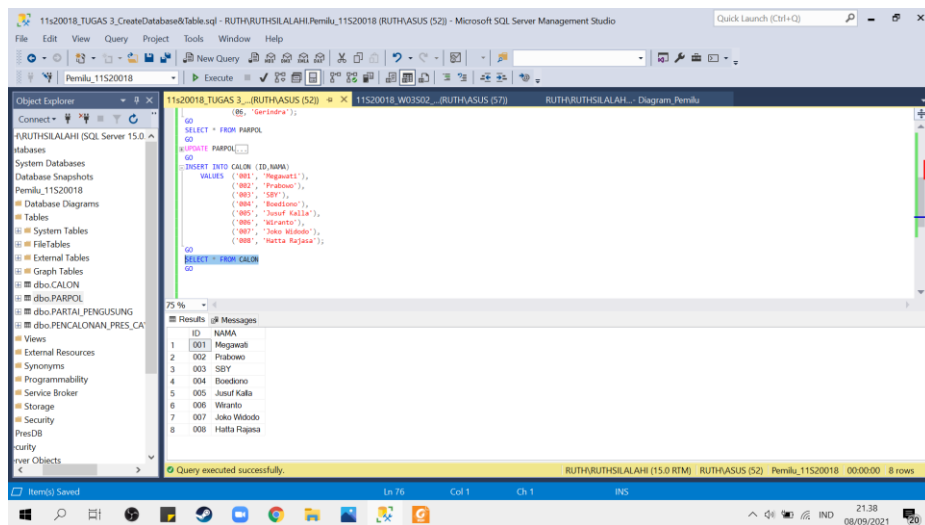


c) Update *table\_name*

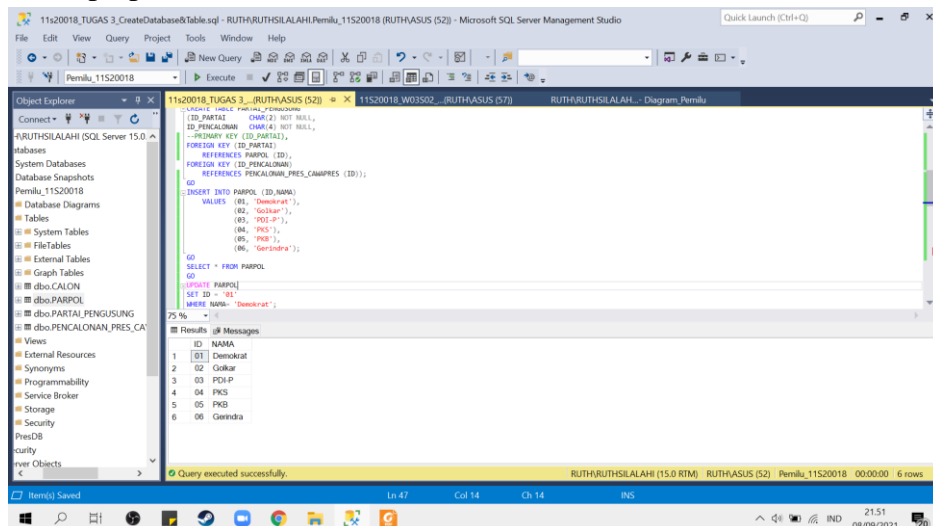


#### 4. Tampilan Tabel dengan data

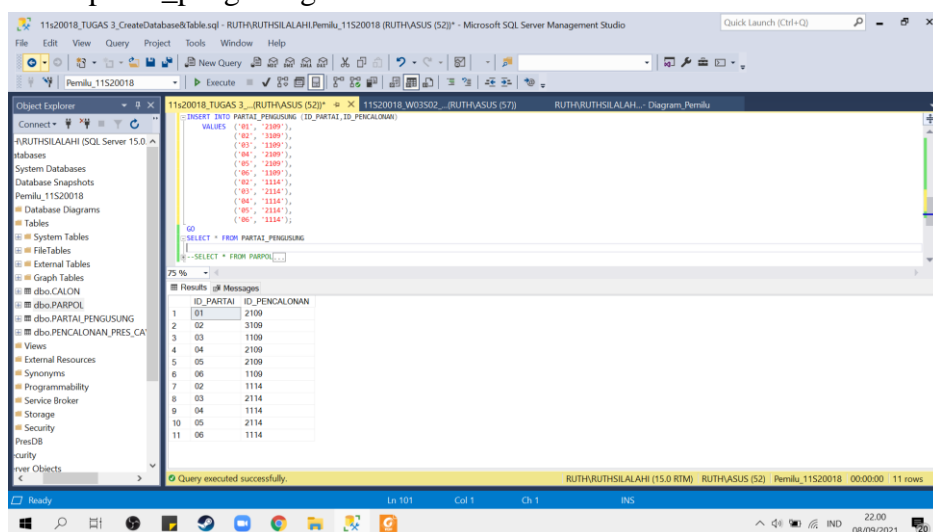
##### a) Tabel calon



##### b) Tabel parpol



##### c) Tabel partai\_pengusung



d) Tabel pencalonan\_pres\_cawapres

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The left pane displays the 'Object Explorer' with the 'Penculu\_11520018' database selected. The right pane shows a query window with the following SQL script:

```

--CREATE TABLE PENCALONAN_PRES_CAWAPRES (ID, TAHUN, NO_URUT_PASANGAN, ID_CAWAPRES, ID_CAWAPRES, JML_SUARA)
GO
--INSERT FROM PIRPOL (ID, NAMA)
GO
--SELECT * FROM PIRPOL
GO
--UPDATE PIRPOL
GO
--INSERT INTO CALON (ID, NAMA)
GO
--SELECT * FROM CALON
GO
--INSERT INTO PENCALONAN_PRES_CAWAPRES (ID, TAHUN, NO_URUT_PASANGAN, ID_CAWAPRES, ID_CAWAPRES, JML_SUARA)
VALUES ('1100', '2009', '1', '001', '002', 32548105),
('1109', '2009', '2', '003', '004', 73874562),
('1109', '2009', '3', '005', '006', 15081814),
('1114', '2014', '1', '002', '003', 0),
('1114', '2014', '2', '007', '005', 0),
('1114', '2014', '3', '008', '006', 0)
GO
--SELECT * FROM PENCALONAN_PRES_CAWAPRES
GO

```

The 'Results' pane shows the following data:

ID	TAHUN	NO_URUT_PASANGAN	ID_CAWAPRES	ID_CAWAPRES	JML_SUARA
1100	2009	1	001	002	32548105
1109	2009	2	003	004	73874562
1109	2009	3	005	006	15081814
1114	2014	1	002	003	0
1114	2014	2	007	005	0
1114	2014	3	008	006	0

The status bar at the bottom indicates 'Query executed successfully. RUTH\RUTHSILALAH (15.0 RTM) RUTH\ASUS (52) Penculu\_11520018 00:00:00 5 rows'.