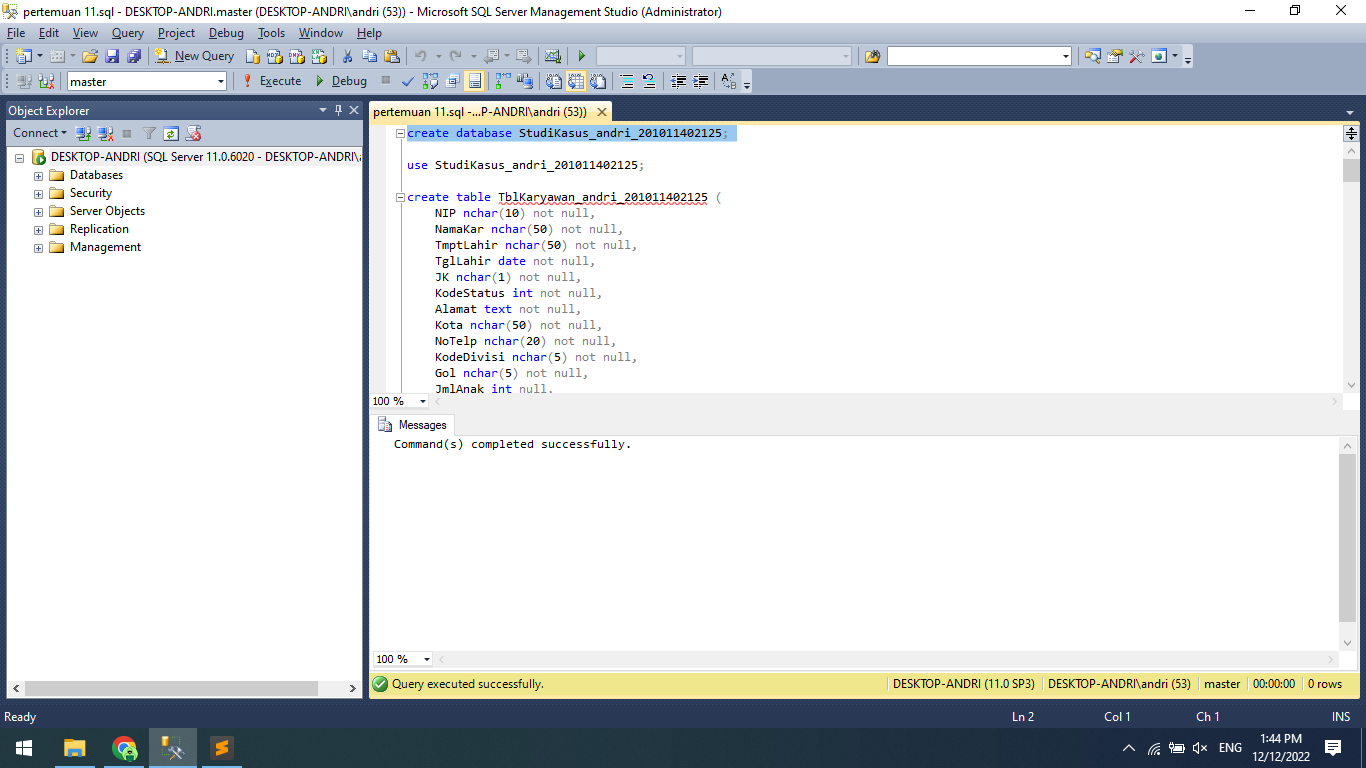
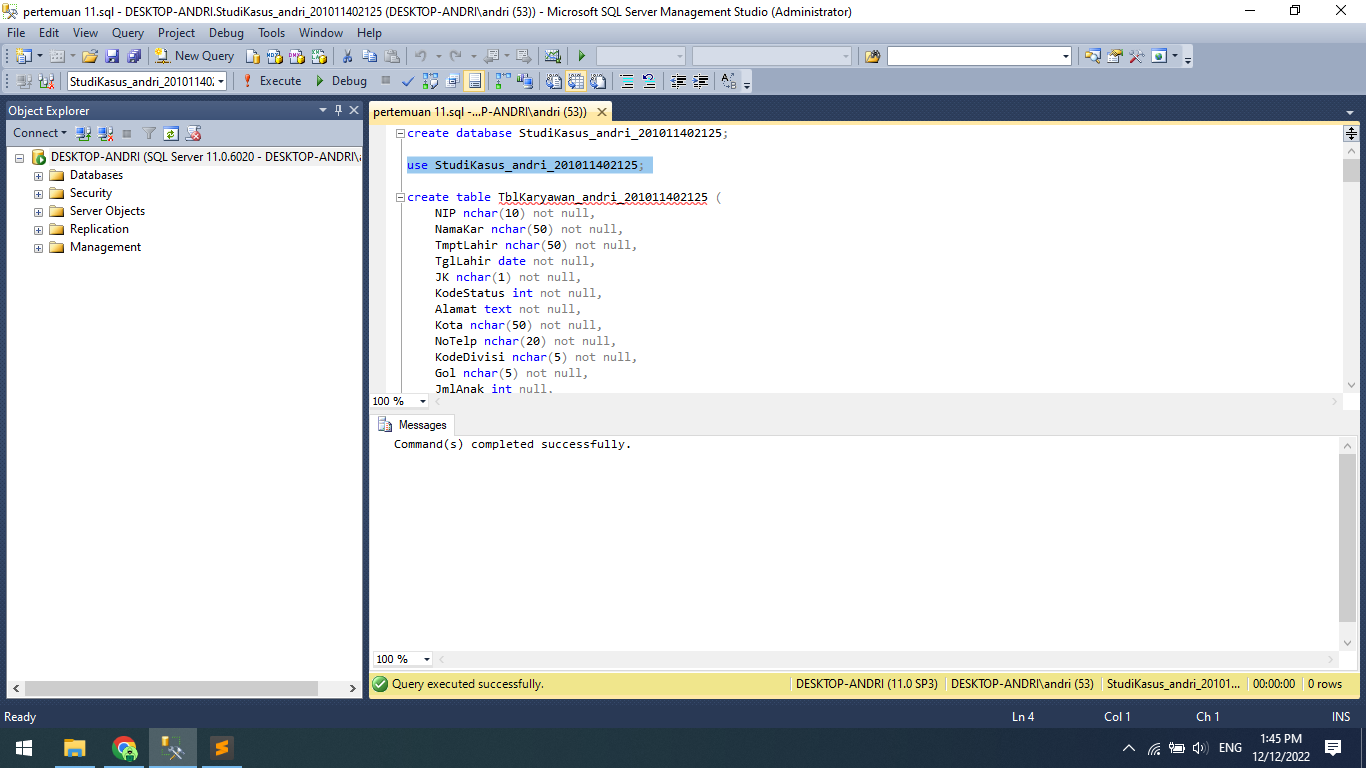
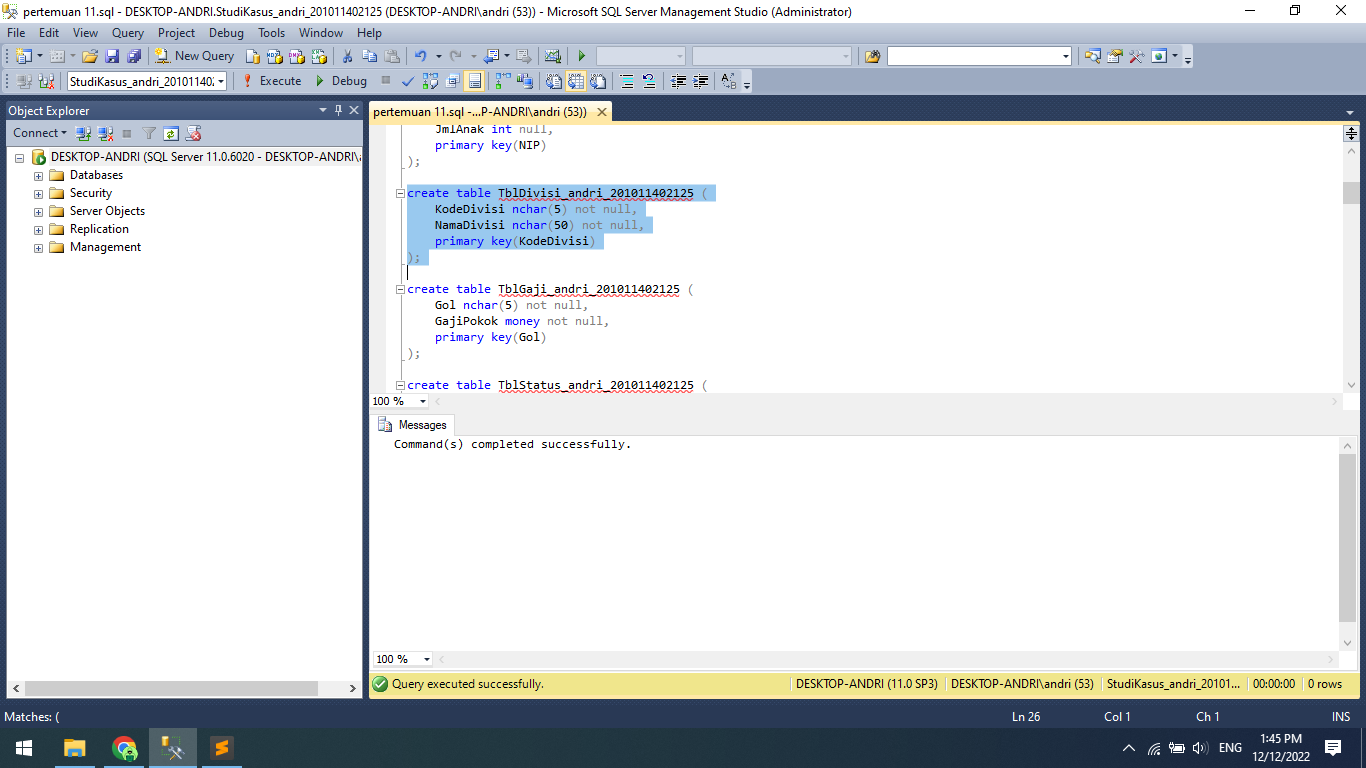
Nama : Andri Firman Saputra  
NIM : 201011402125  
Kelas : 05TPLP016  
Tugas : Basis Data II – Pertemuan 11

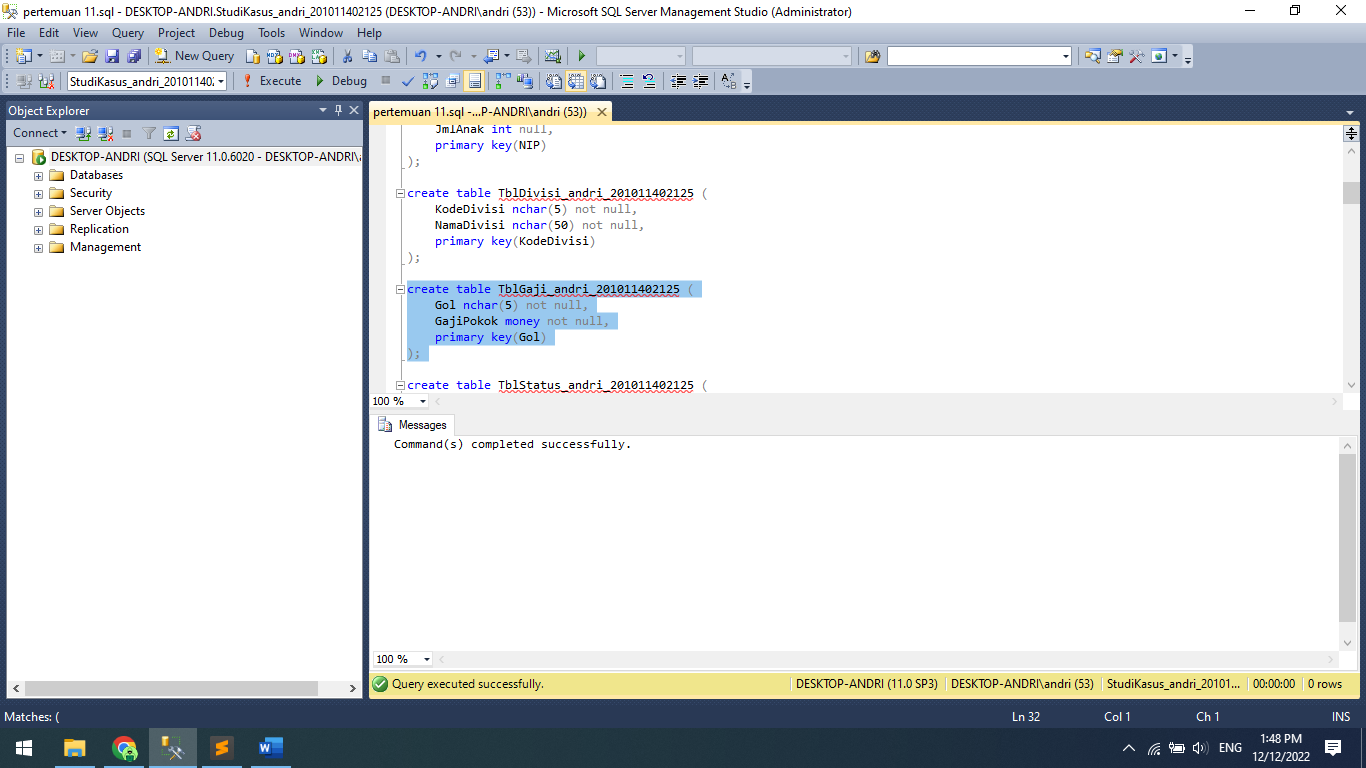
Study Kasus 1

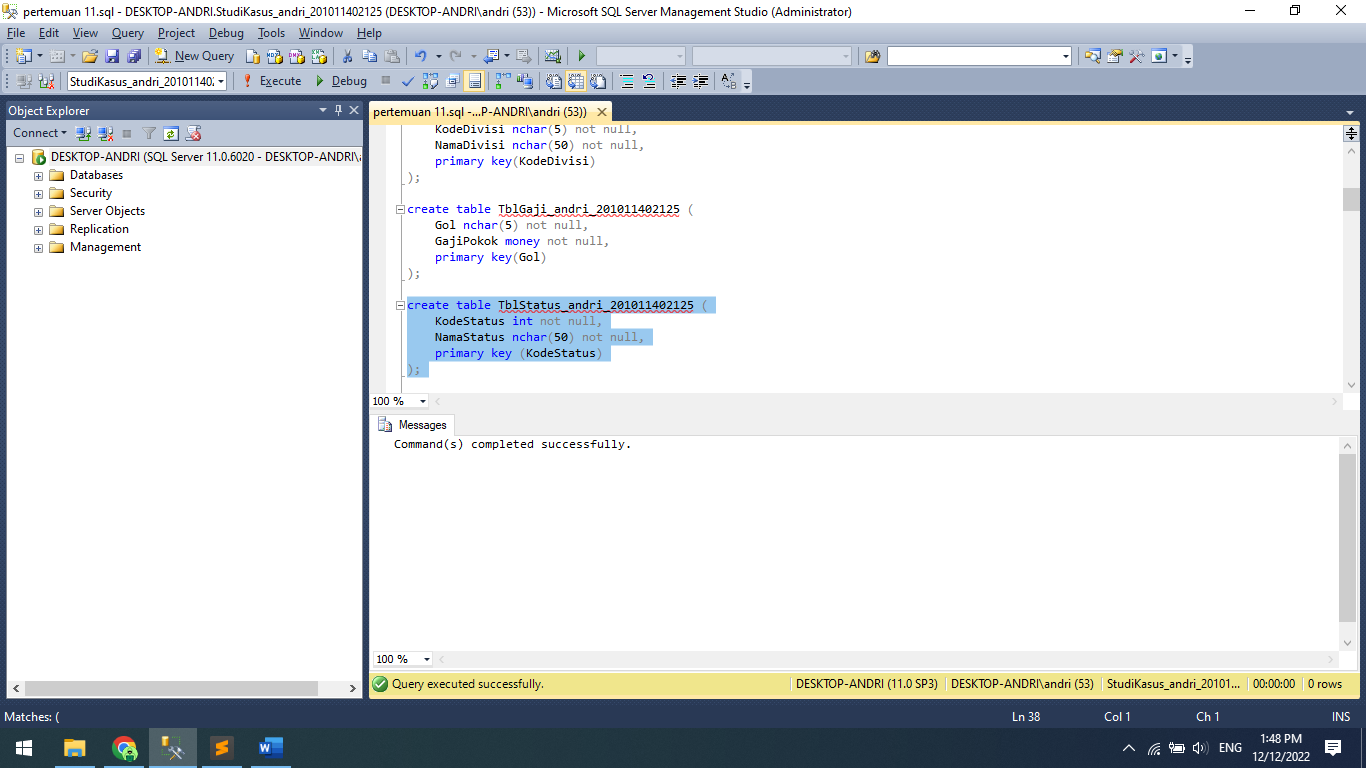


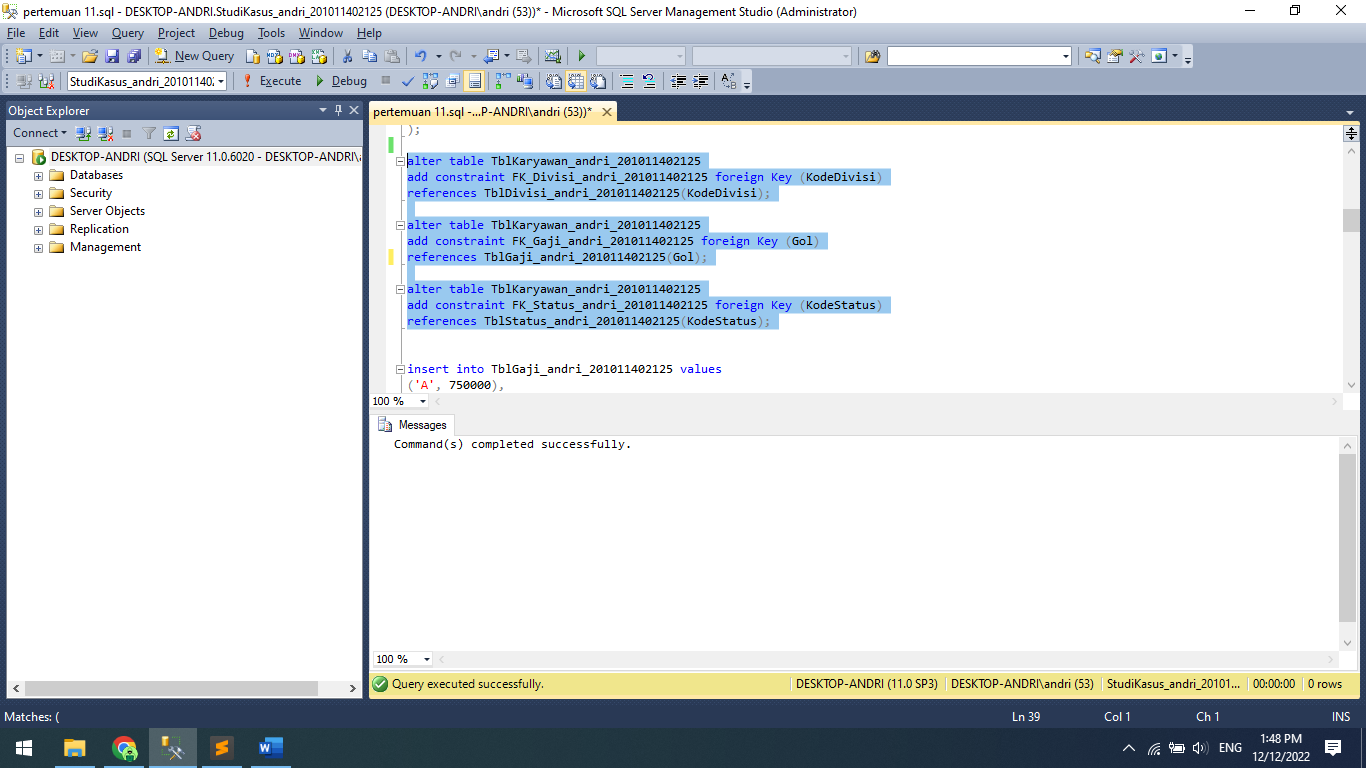




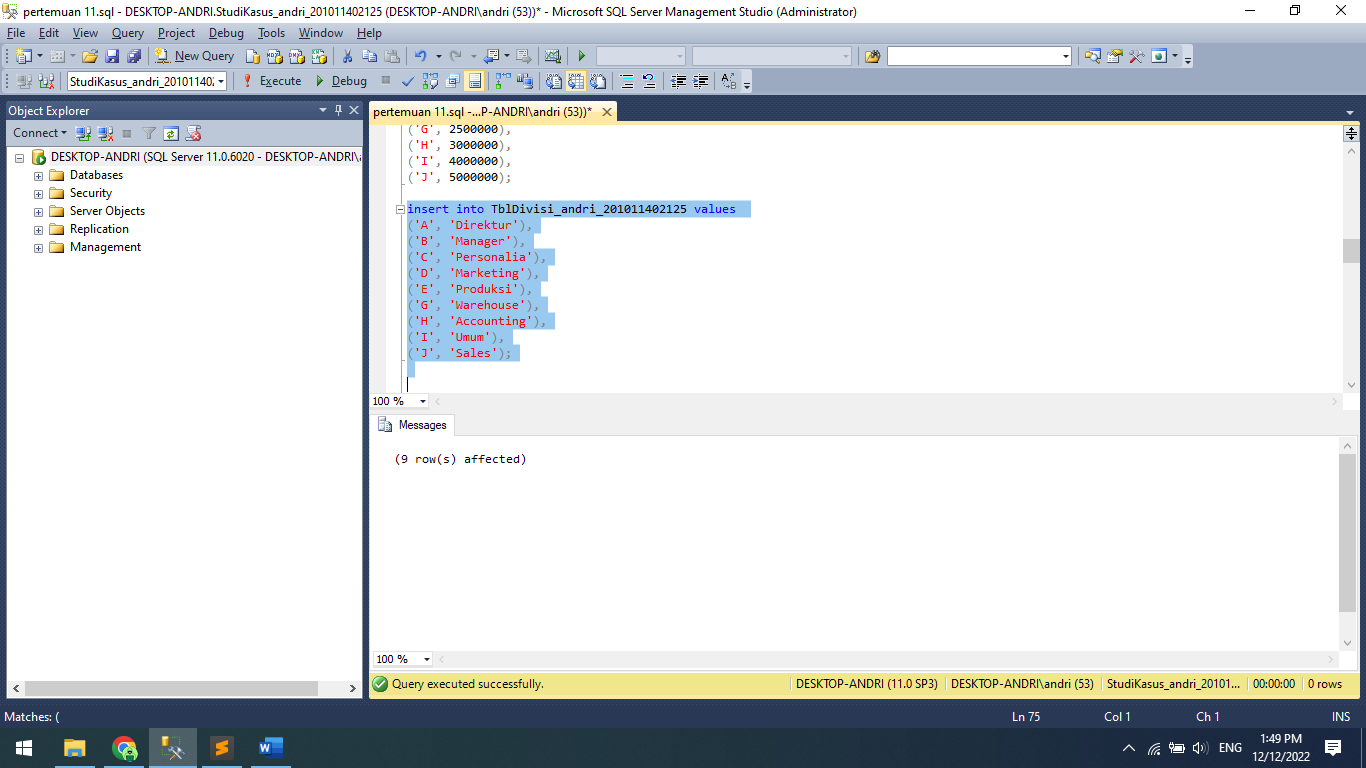


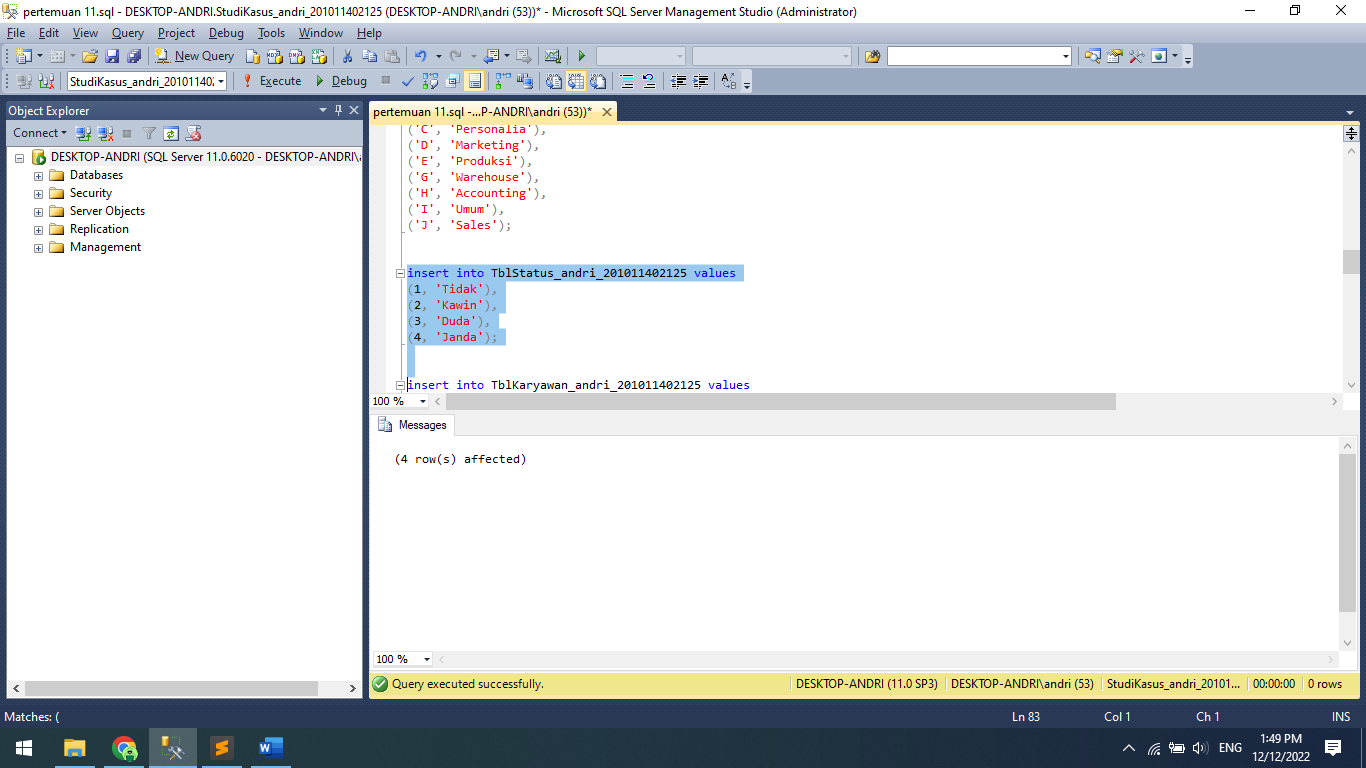


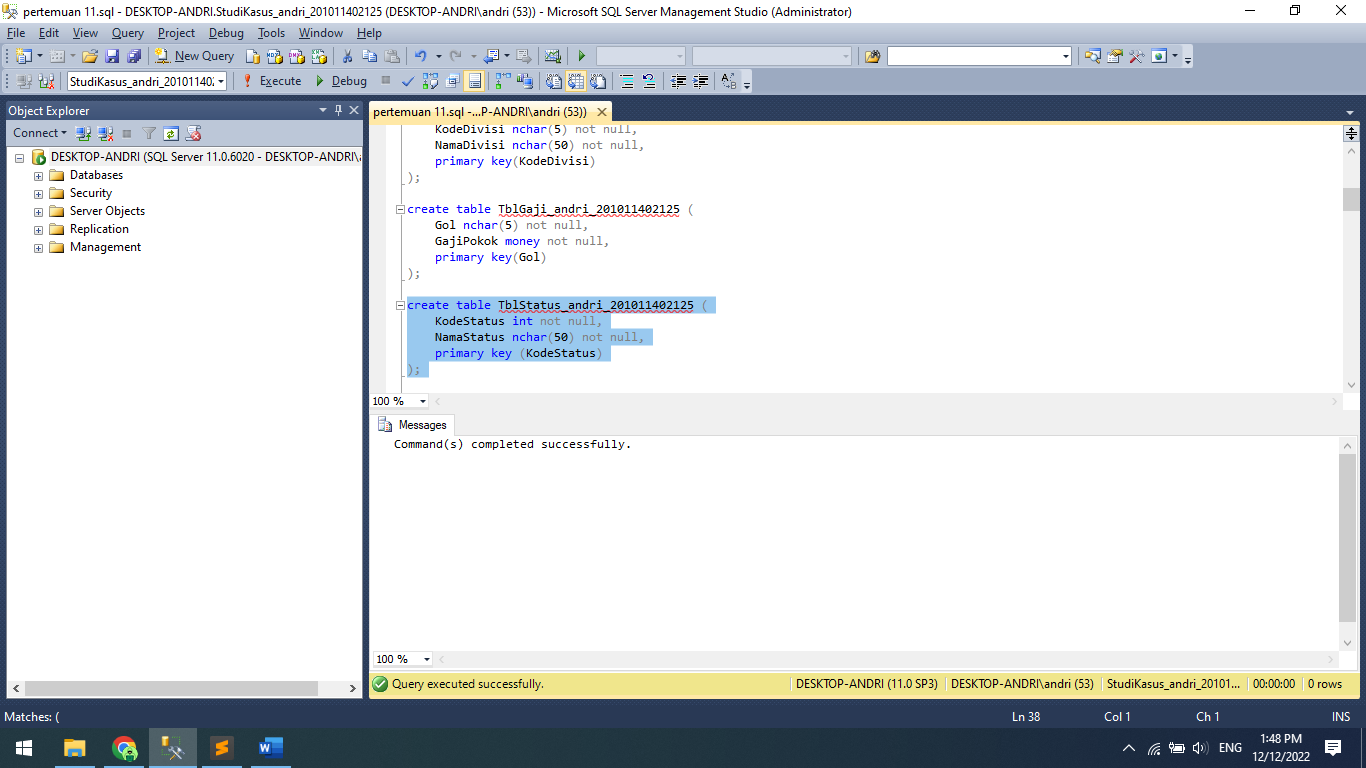


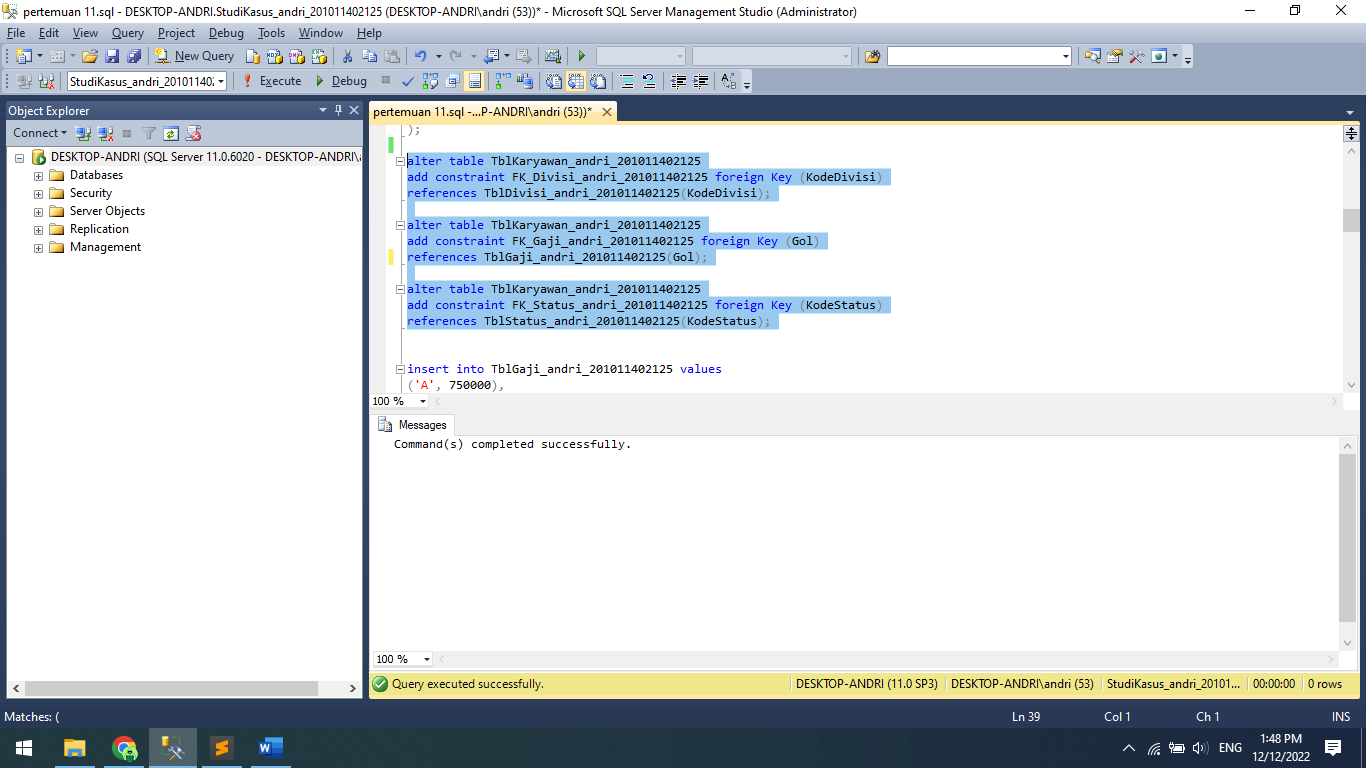


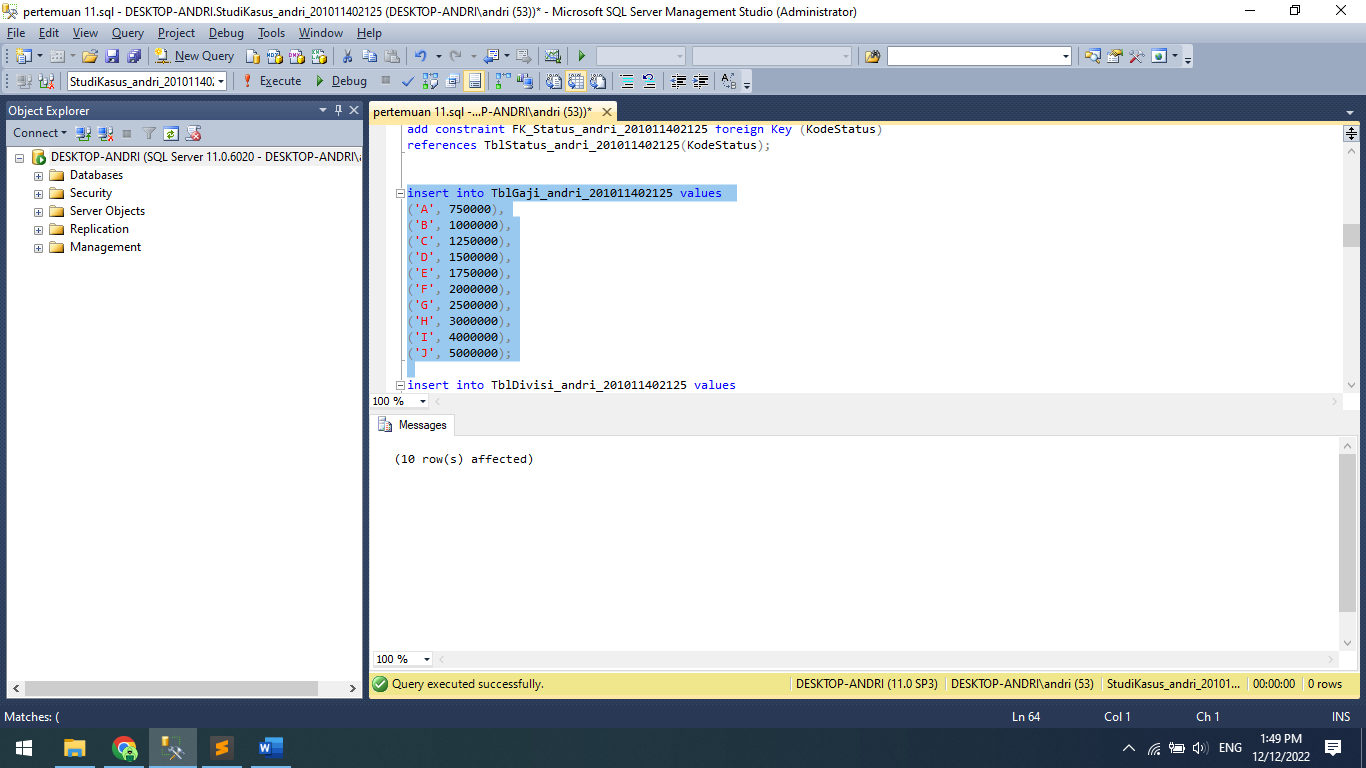


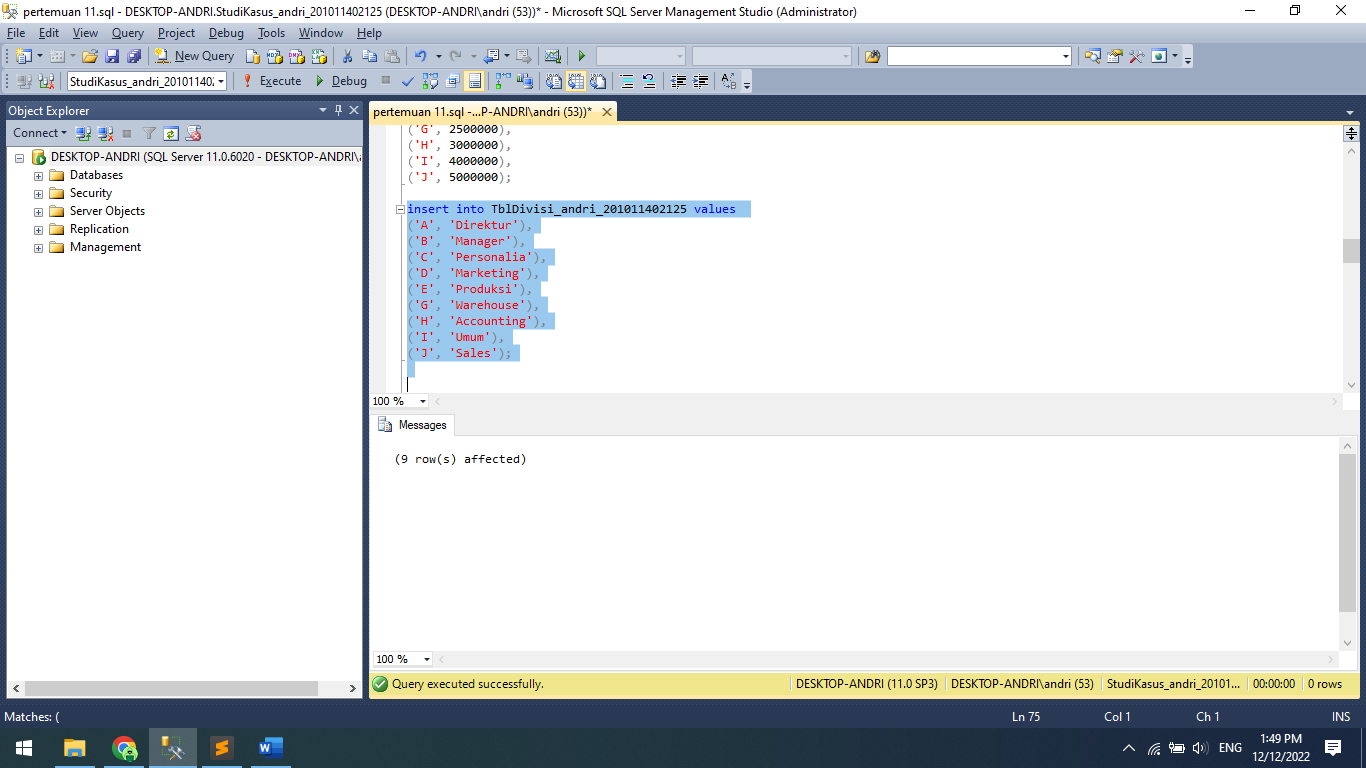


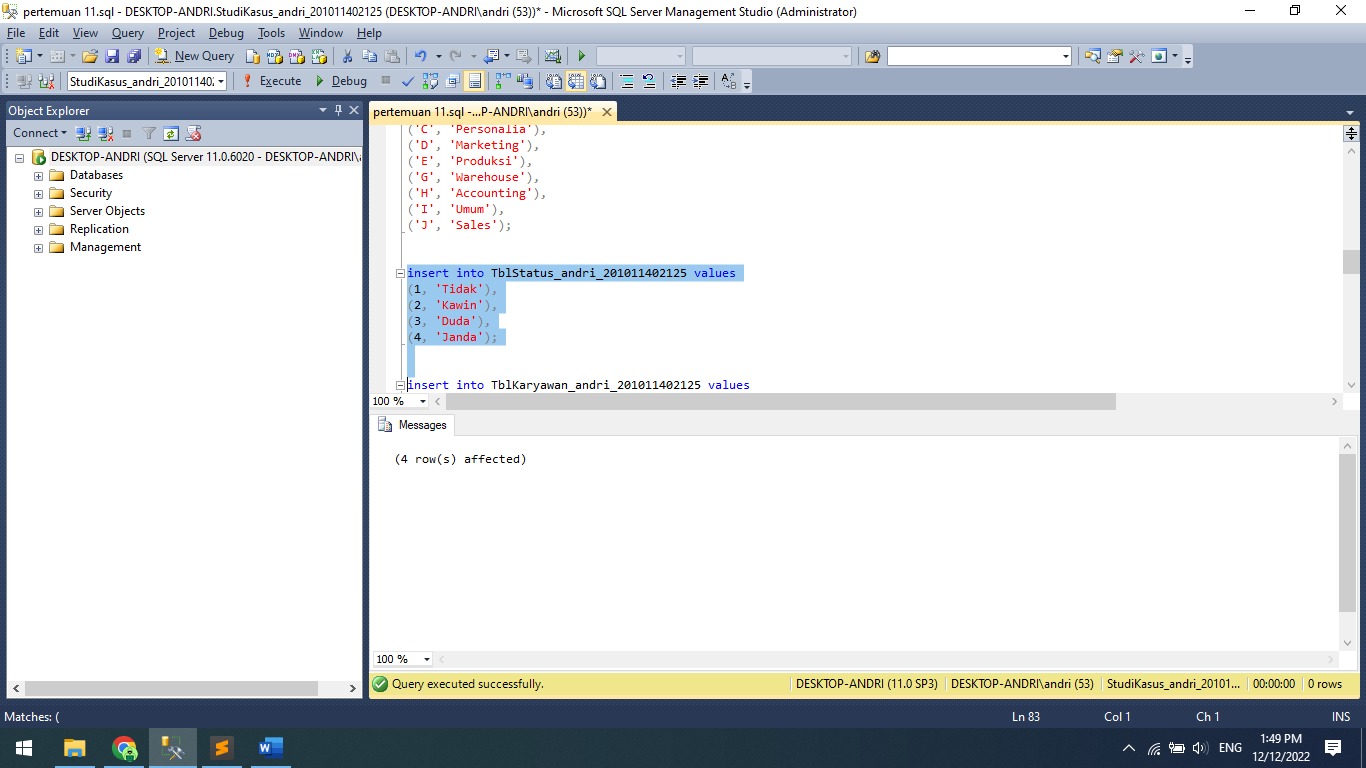


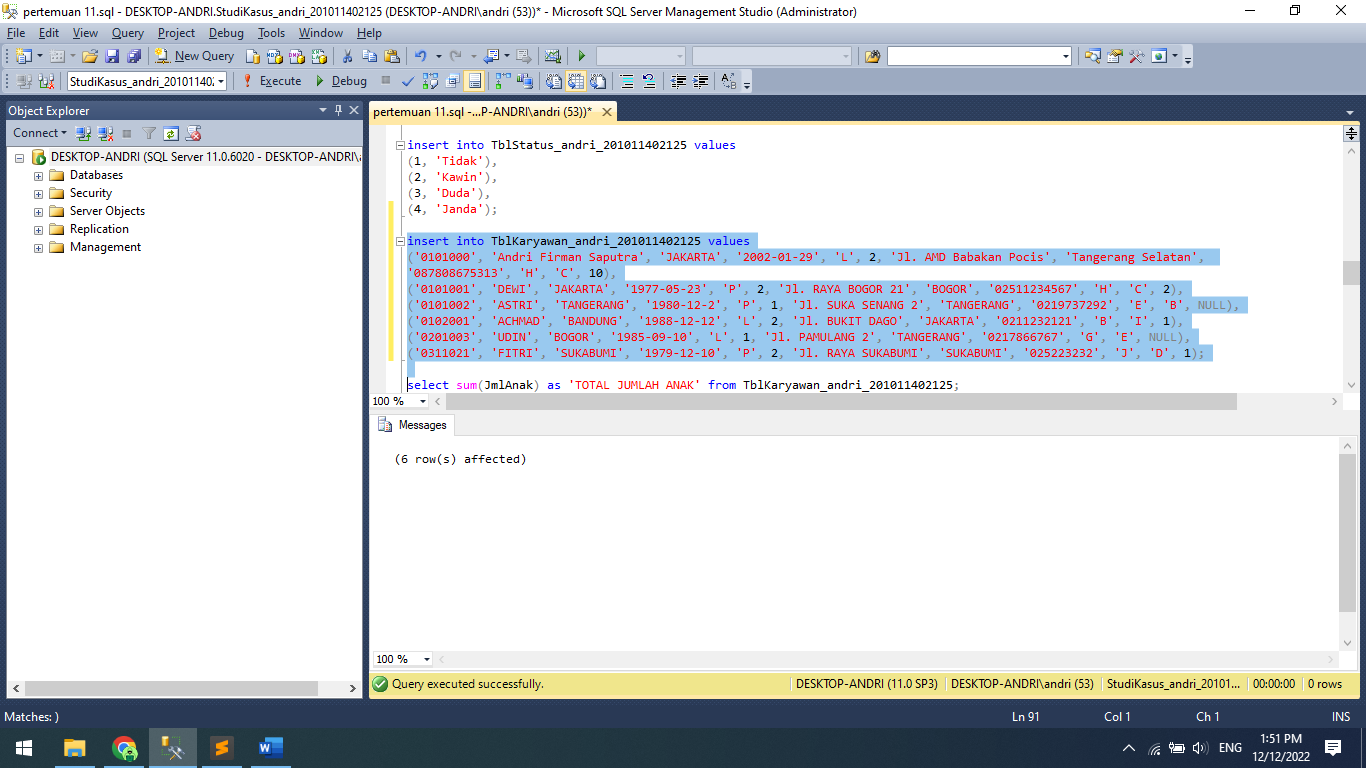


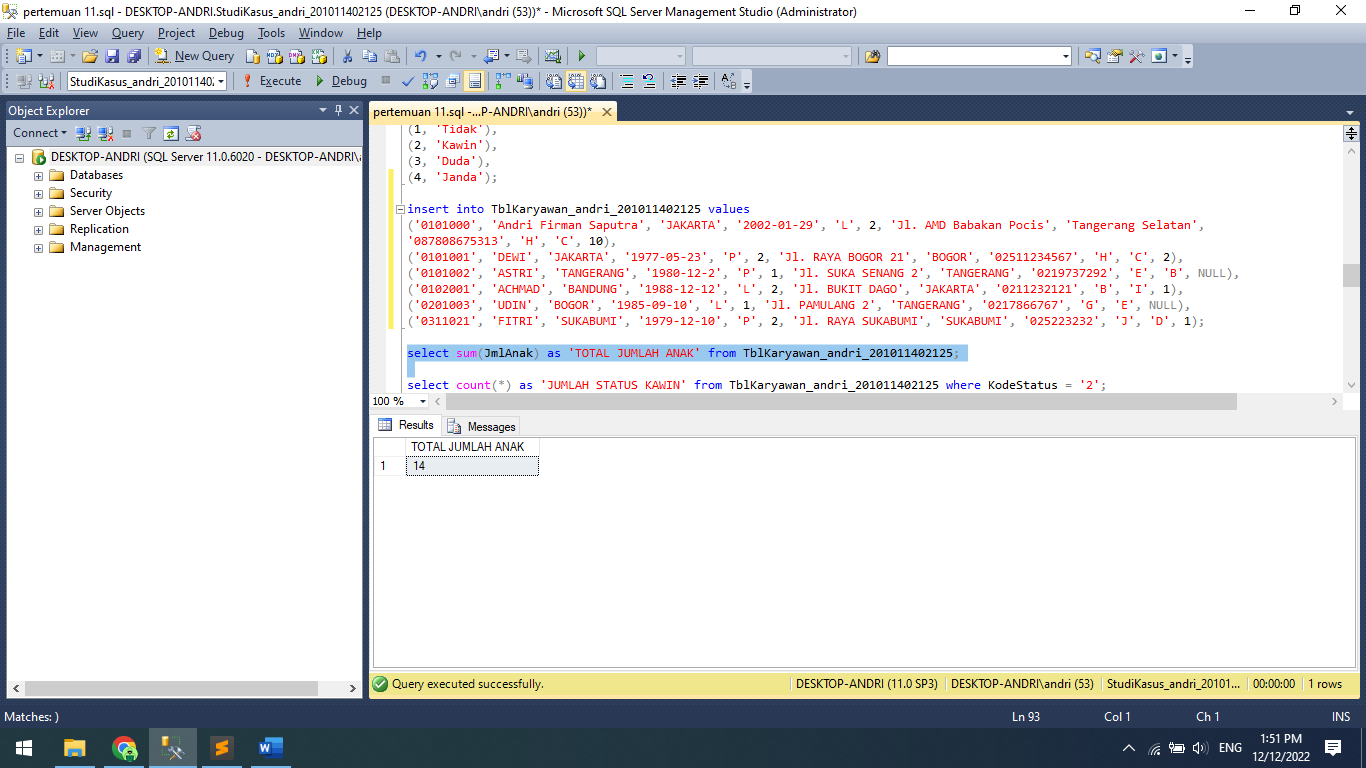


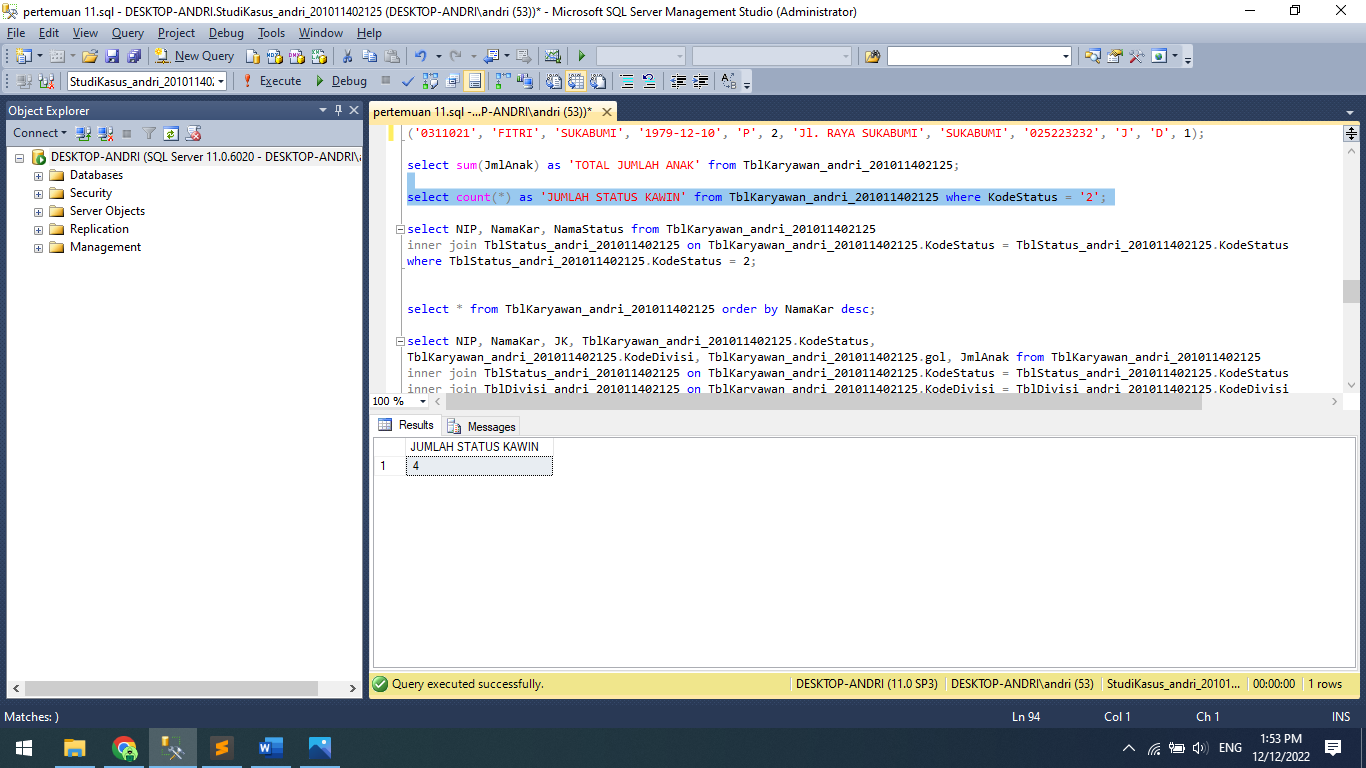




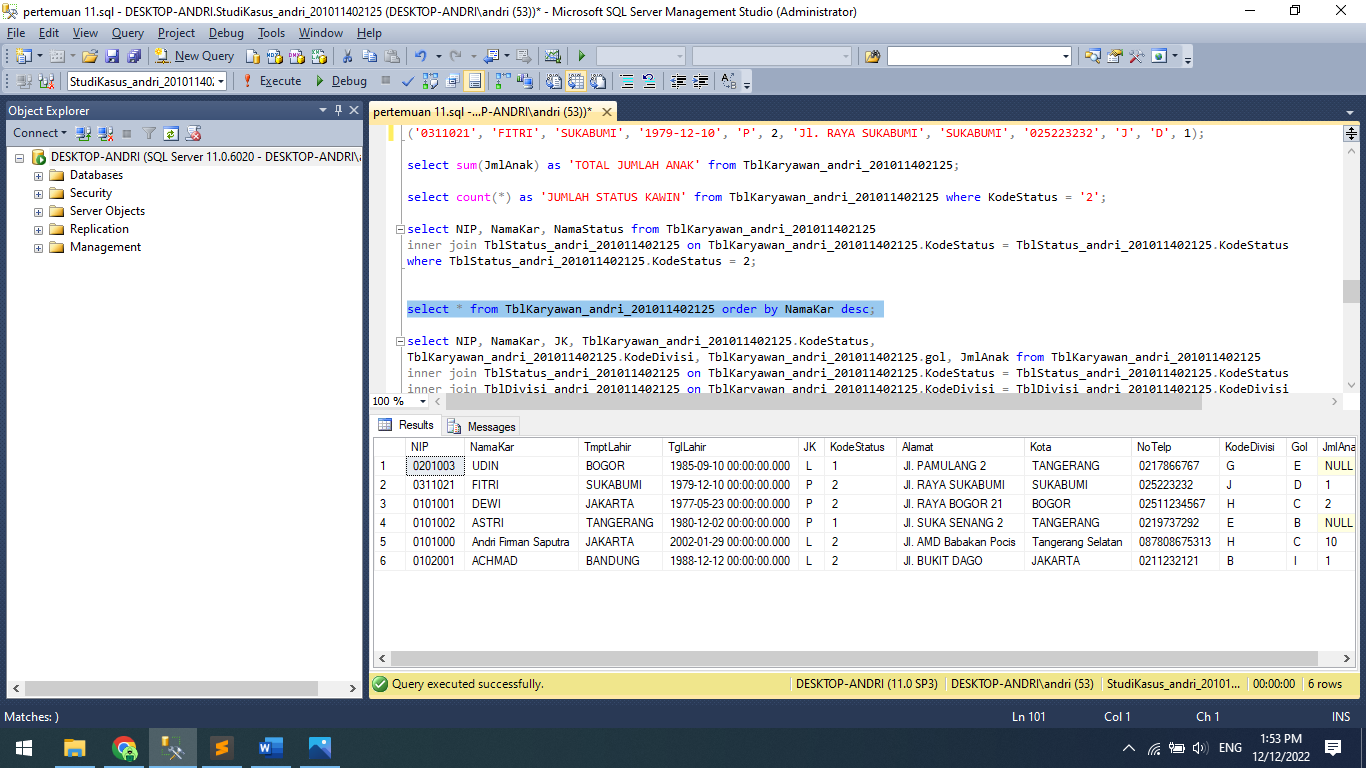


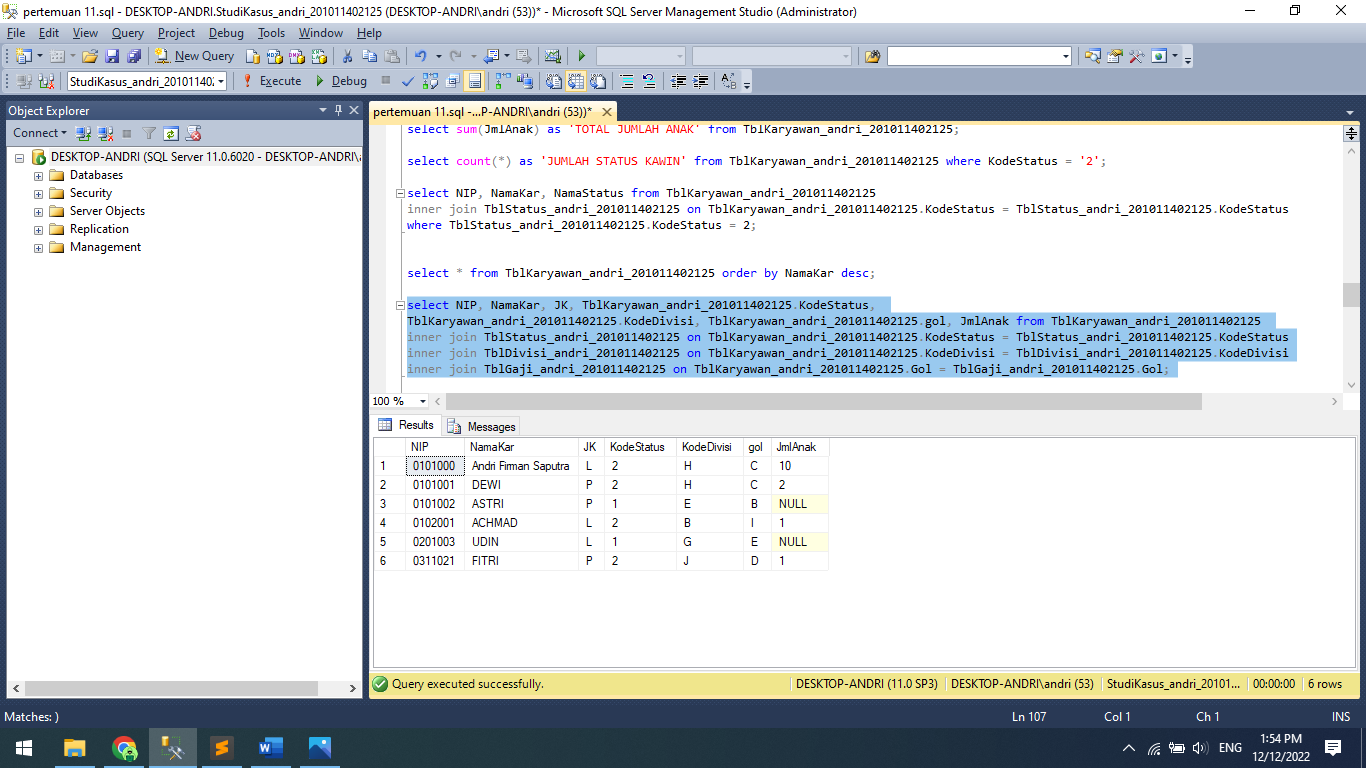


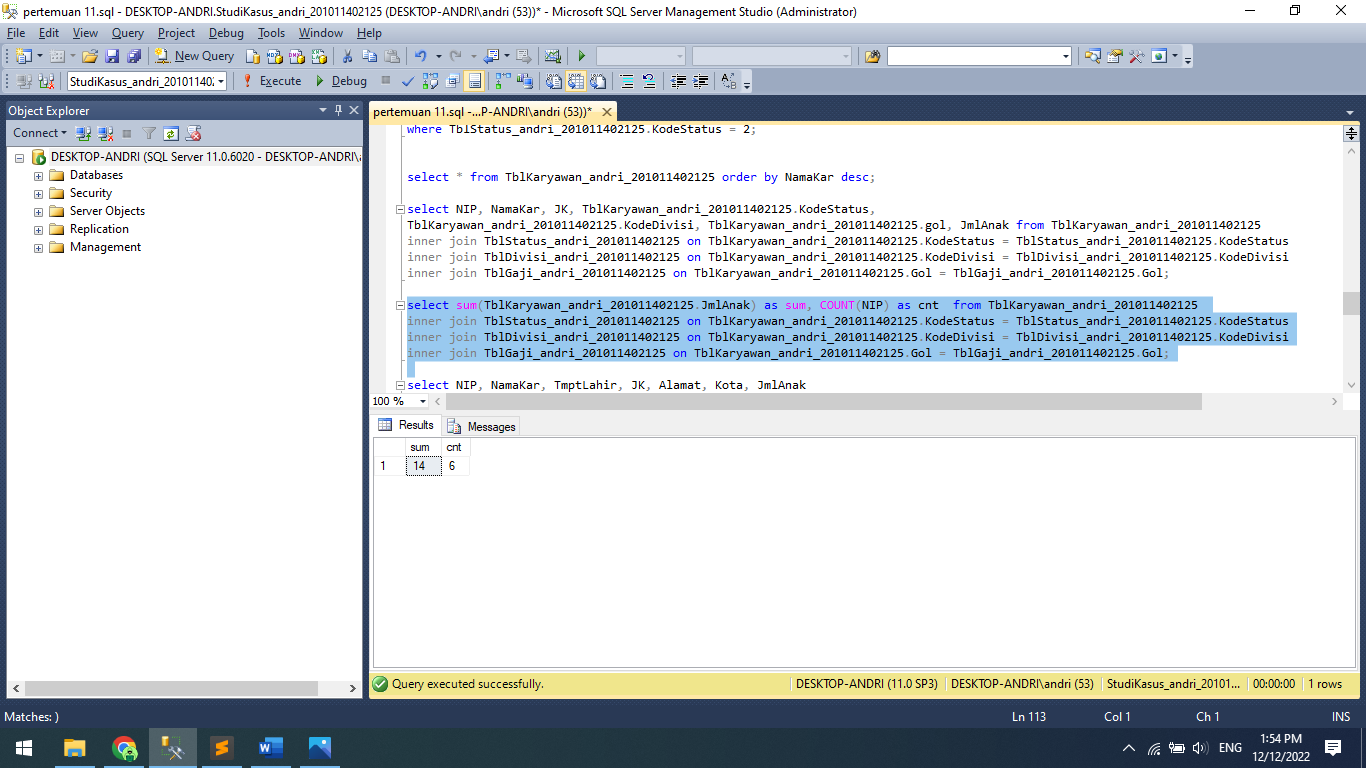


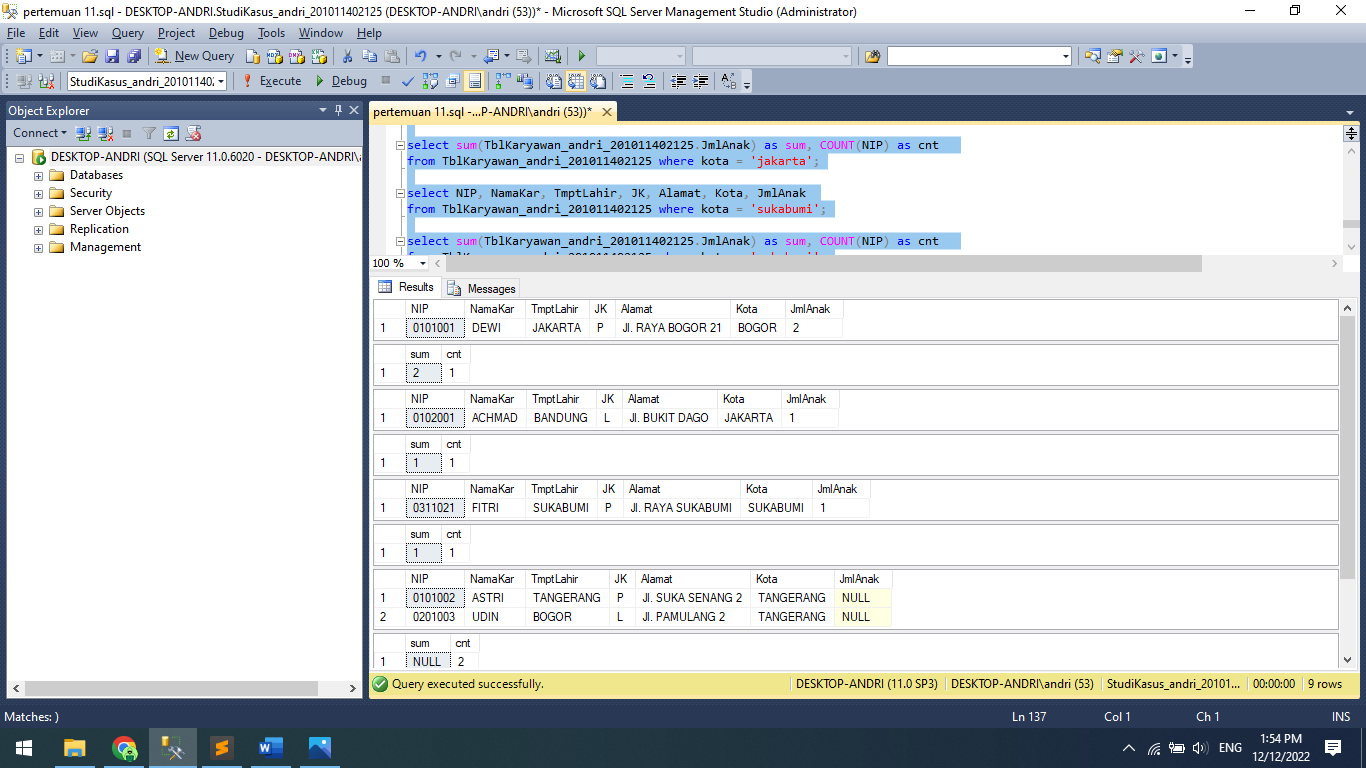


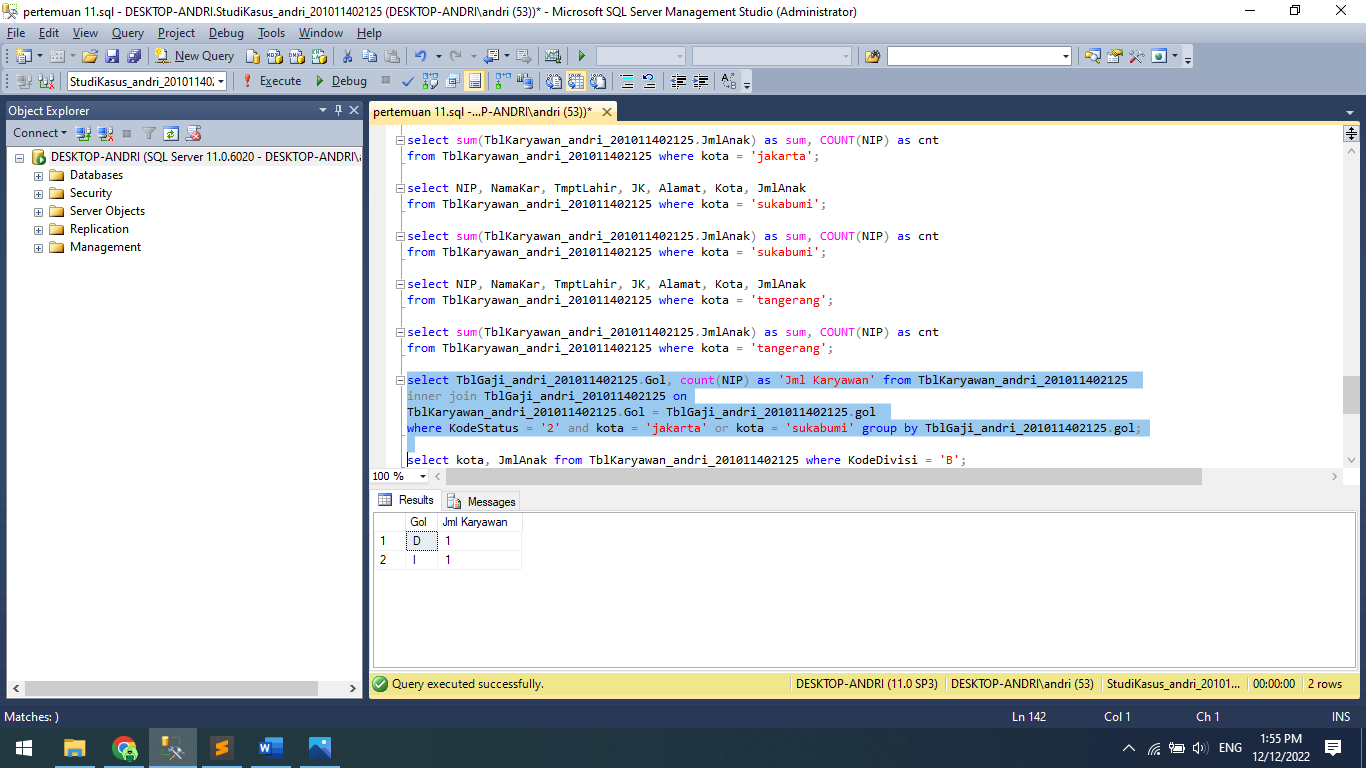


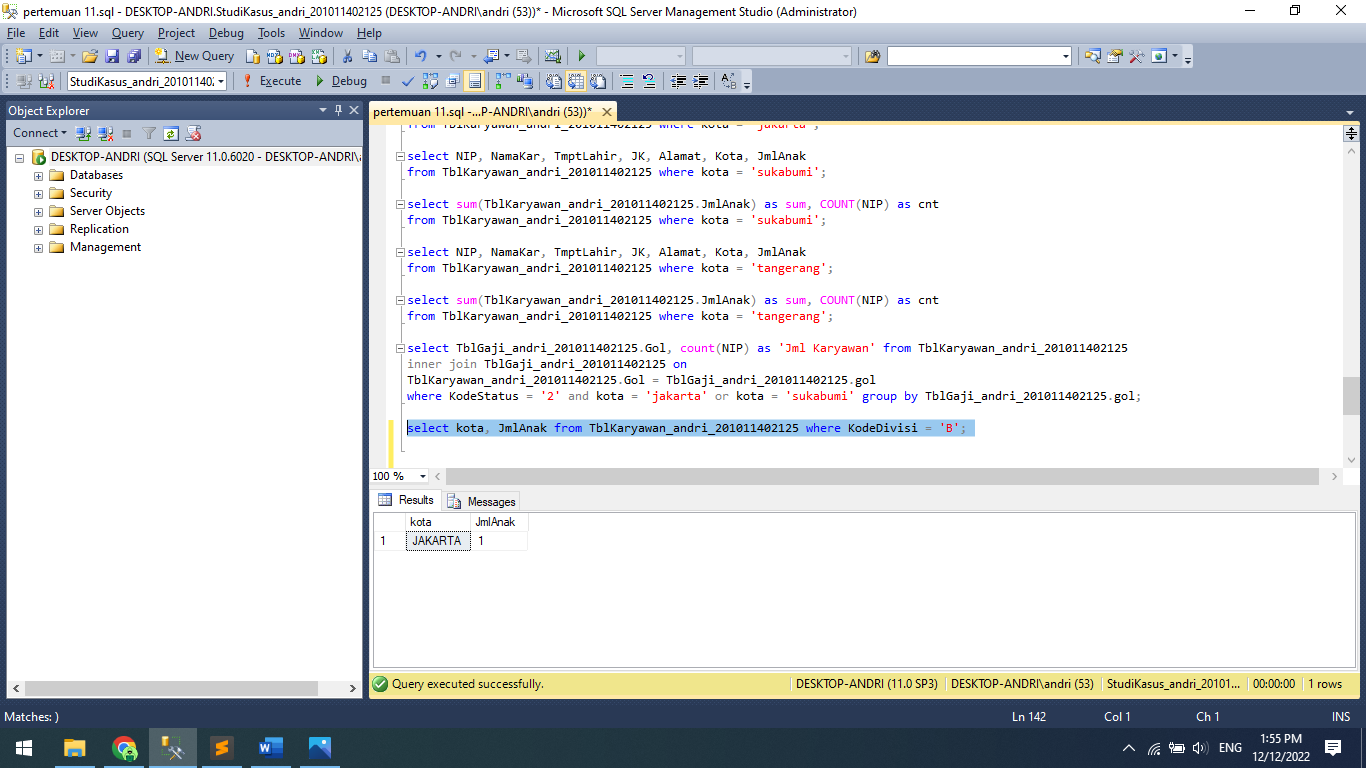


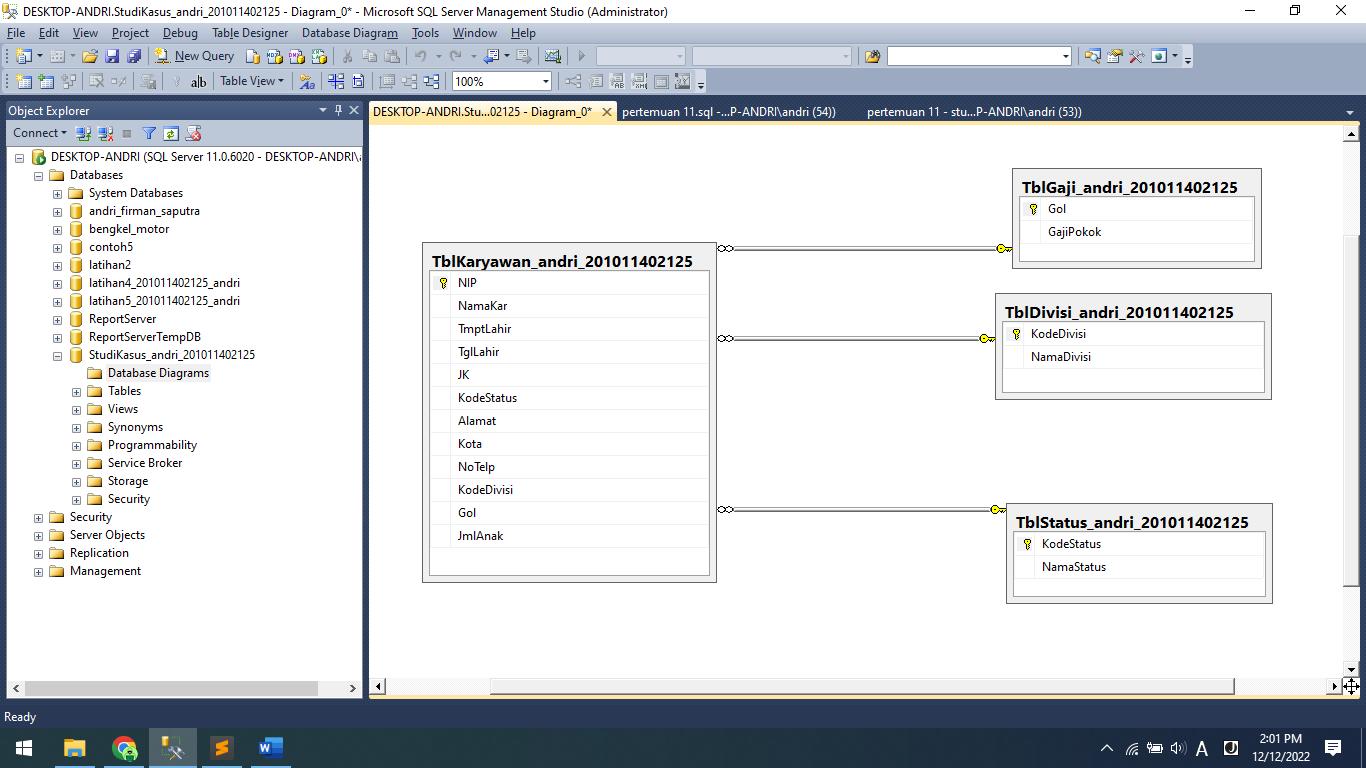












Source Code study kasus 1:

create database StudiKasus\_andri\_201011402125;

use StudiKasus\_andri\_201011402125;

create table TblKaryawan\_andri\_201011402125 (

NIP nchar(10) not null,

NamaKar nchar(50) not null,

TmptLahir nchar(50) not null,

TglLahir datetime not null,

JK nchar(1) not null,

KodeStatus int not null,

Alamat text not null,

Kota nchar(50) not null,

NoTelp nchar(20) not null,

KodeDivisi nchar(5) not null,

Gol nchar(5) not null,

JmlAnak int null,

primary key(NIP)

);

create table TblDivisi\_andri\_201011402125 (

KodeDivisi nchar(5) not null,

NamaDivisi nchar(50) not null,

primary key(KodeDivisi)

);

create table TblGaji\_andri\_201011402125 (

Gol nchar(5) not null,

GajiPokok money not null,

primary key(Gol)

);

create table TblStatus\_andri\_201011402125 (

KodeStatus int not null,

NamaStatus nchar(50) not null,

primary key (KodeStatus)

);

alter table TblKaryawan\_andri\_201011402125

add constraint FK\_Divisi\_andri\_201011402125 foreign Key (KodeDivisi)

references TblDivisi\_andri\_201011402125(KodeDivisi);

alter table TblKaryawan\_andri\_201011402125

add constraint FK\_Gaji\_andri\_201011402125 foreign Key (Gol)

references TblGaji\_andri\_201011402125(Gol);

alter table TblKaryawan\_andri\_201011402125

add constraint FK\_Status\_andri\_201011402125 foreign Key (KodeStatus)

references TblStatus\_andri\_201011402125(KodeStatus);

insert into TblGaji\_andri\_201011402125 values

('A', 750000),

('B', 1000000),

('C', 1250000),

('D', 1500000),

('E', 1750000),

('F', 2000000),

('G', 2500000),

('H', 3000000),

('I', 4000000),

('J', 5000000);

insert into TblDivisi\_andri\_201011402125 values

('A', 'Direktur'),

('B', 'Manager'),

('C', 'Personalia'),

('D', 'Marketing'),

('E', 'Produksi'),

('G', 'Warehouse'),

('H', 'Accounting'),

('I', 'Umum'),

('J', 'Sales');

insert into TblStatus\_andri\_201011402125 values

(1, 'Tidak'),

(2, 'Kawin'),

(3, 'Duda'),

(4, 'Janda');

insert into TblKaryawan\_andri\_201011402125 values

('0101000', 'Andri Firman Saputra', 'JAKARTA', '2002-01-29', 'L', 2, 'Jl. AMD Babakan Pocis', 'Tangerang Selatan',

'087808675313', 'H', 'C', 10),

('0101001', 'DEWI', 'JAKARTA', '1977-05-23', 'P', 2, 'Jl. RAYA BOGOR 21', 'BOGOR', '02511234567', 'H', 'C', 2),

('0101002', 'ASTRI', 'TANGERANG', '1980-12-2', 'P', 1, 'Jl. SUKA SENANG 2', 'TANGERANG', '0219737292', 'E', 'B', NULL),

('0102001', 'ACHMAD', 'BANDUNG', '1988-12-12', 'L', 2, 'Jl. BUKIT DAGO', 'JAKARTA', '0211232121', 'B', 'I', 1),

('0201003', 'UDIN', 'BOGOR', '1985-09-10', 'L', 1, 'Jl. PAMULANG 2', 'TANGERANG', '0217866767', 'G', 'E', NULL),

('0311021', 'FITRI', 'SUKABUMI', '1979-12-10', 'P', 2, 'Jl. RAYA SUKABUMI', 'SUKABUMI', '025223232', 'J', 'D', 1);

select sum(JmlAnak) as 'TOTAL JUMLAH ANAK' from TblKaryawan\_andri\_201011402125;

select count(\*) as 'JUMLAH STATUS KAWIN' from TblKaryawan\_andri\_201011402125 where KodeStatus = '2';

select NIP, NamaKar, NamaStatus from TblKaryawan\_andri\_201011402125

inner join TblStatus\_andri\_201011402125 on TblKaryawan\_andri\_201011402125.KodeStatus = TblStatus\_andri\_201011402125.KodeStatus

where TblStatus\_andri\_201011402125.KodeStatus = 2;

select \* from TblKaryawan\_andri\_201011402125 order by NamaKar desc;

select NIP, NamaKar, JK, TblKaryawan\_andri\_201011402125.KodeStatus,

TblKaryawan\_andri\_201011402125.KodeDivisi, TblKaryawan\_andri\_201011402125.gol, JmlAnak from TblKaryawan\_andri\_201011402125

inner join TblStatus\_andri\_201011402125 on TblKaryawan\_andri\_201011402125.KodeStatus = TblStatus\_andri\_201011402125.KodeStatus

inner join TblDivisi\_andri\_201011402125 on TblKaryawan\_andri\_201011402125.KodeDivisi = TblDivisi\_andri\_201011402125.KodeDivisi

inner join TblGaji\_andri\_201011402125 on TblKaryawan\_andri\_201011402125.Gol = TblGaji\_andri\_201011402125.Gol;

select sum(TblKaryawan\_andri\_201011402125.JmlAnak) as sum, COUNT(NIP) as cnt from TblKaryawan\_andri\_201011402125

inner join TblStatus\_andri\_201011402125 on TblKaryawan\_andri\_201011402125.KodeStatus = TblStatus\_andri\_201011402125.KodeStatus

inner join TblDivisi\_andri\_201011402125 on TblKaryawan\_andri\_201011402125.KodeDivisi = TblDivisi\_andri\_201011402125.KodeDivisi

inner join TblGaji\_andri\_201011402125 on TblKaryawan\_andri\_201011402125.Gol = TblGaji\_andri\_201011402125.Gol;

select NIP, NamaKar, TmptLahir, JK, Alamat, Kota, JmlAnak

from TblKaryawan\_andri\_201011402125 where kota = 'bogor';

select sum(TblKaryawan\_andri\_201011402125.JmlAnak) as sum, COUNT(NIP) as cnt

from TblKaryawan\_andri\_201011402125 where kota = 'bogor';

select NIP, NamaKar, TmptLahir, JK, Alamat, Kota, JmlAnak

from TblKaryawan\_andri\_201011402125 where kota = 'jakarta';

select sum(TblKaryawan\_andri\_201011402125.JmlAnak) as sum, COUNT(NIP) as cnt

from TblKaryawan\_andri\_201011402125 where kota = 'jakarta';

select NIP, NamaKar, TmptLahir, JK, Alamat, Kota, JmlAnak

from TblKaryawan\_andri\_201011402125 where kota = 'sukabumi';

select sum(TblKaryawan\_andri\_201011402125.JmlAnak) as sum, COUNT(NIP) as cnt

from TblKaryawan\_andri\_201011402125 where kota = 'sukabumi';

select NIP, NamaKar, TmptLahir, JK, Alamat, Kota, JmlAnak

from TblKaryawan\_andri\_201011402125 where kota = 'tangerang';

select sum(TblKaryawan\_andri\_201011402125.JmlAnak) as sum, COUNT(NIP) as cnt

from TblKaryawan\_andri\_201011402125 where kota = 'tangerang';

select TblGaji\_andri\_201011402125.Gol, count(NIP) as 'Jml Karyawan' from TblKaryawan\_andri\_201011402125

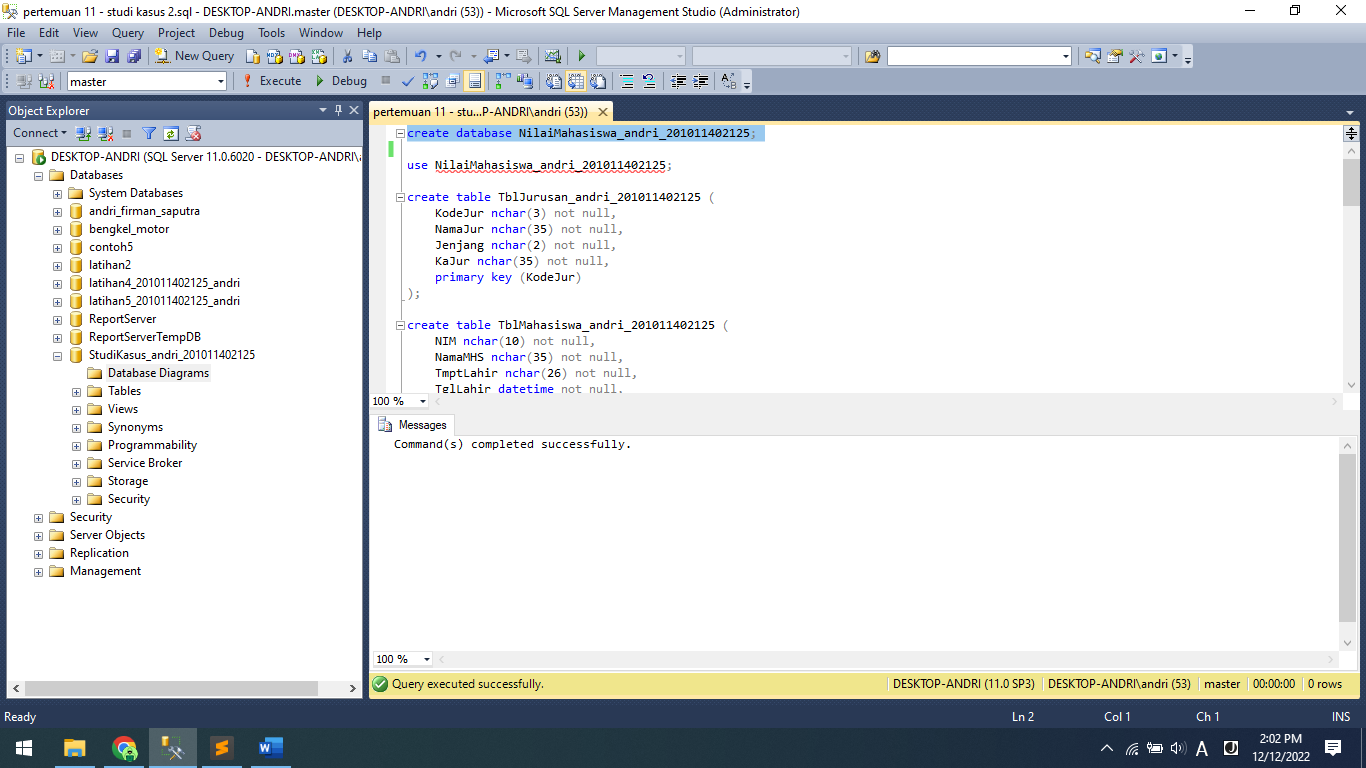
inner join TblGaji\_andri\_201011402125 on

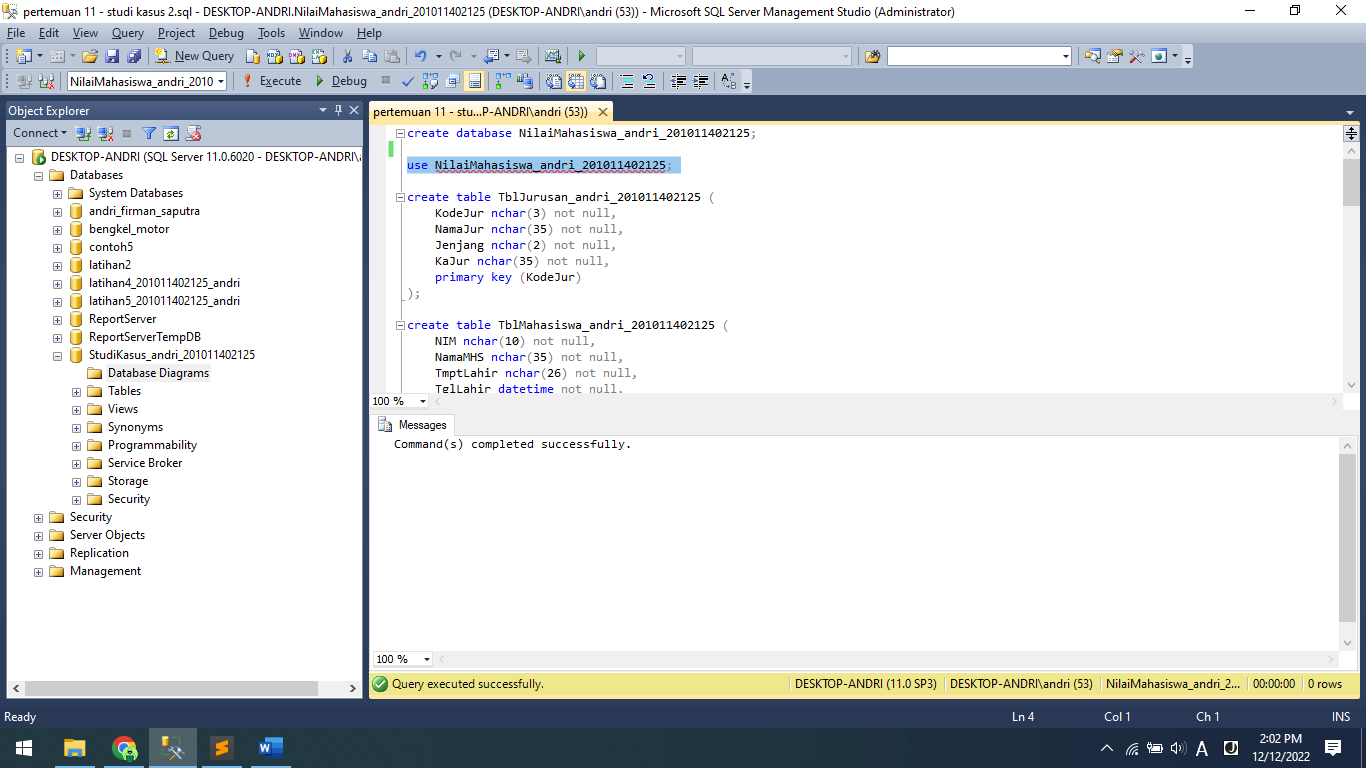
TblKaryawan\_andri\_201011402125.Gol = TblGaji\_andri\_201011402125.gol

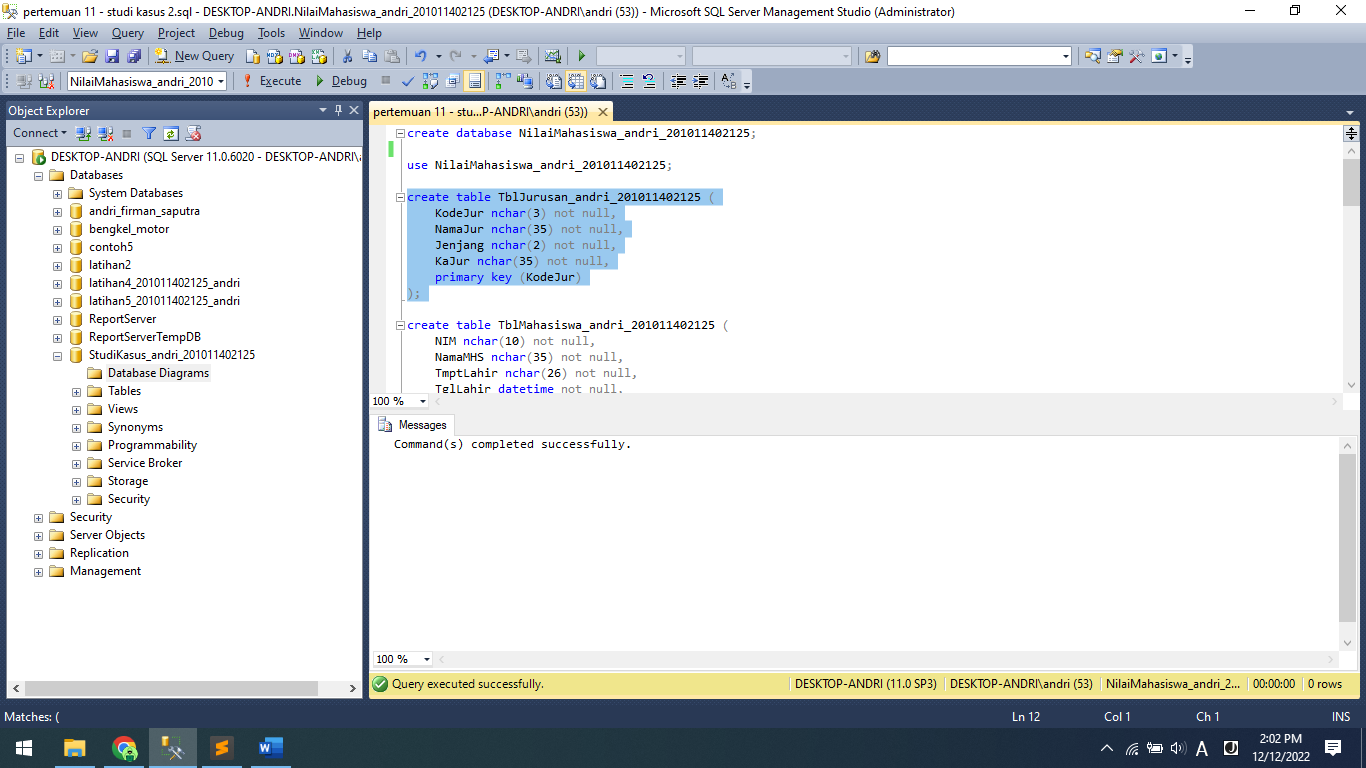
where KodeStatus = '2' and kota = 'jakarta' or kota = 'sukabumi' group by TblGaji\_andri\_201011402125.gol;

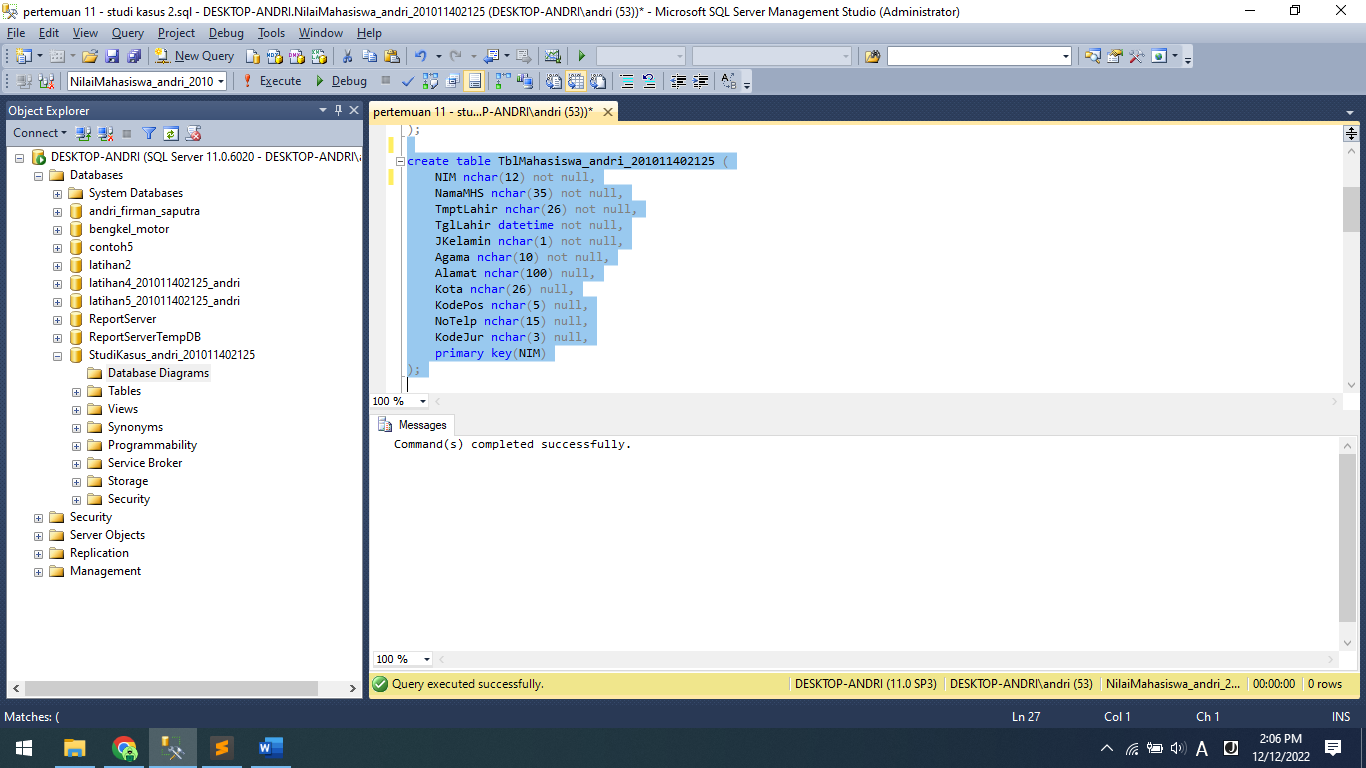
select kota, JmlAnak from TblKaryawan\_andri\_201011402125 where KodeDivisi = 'B';

Study Kasus 2

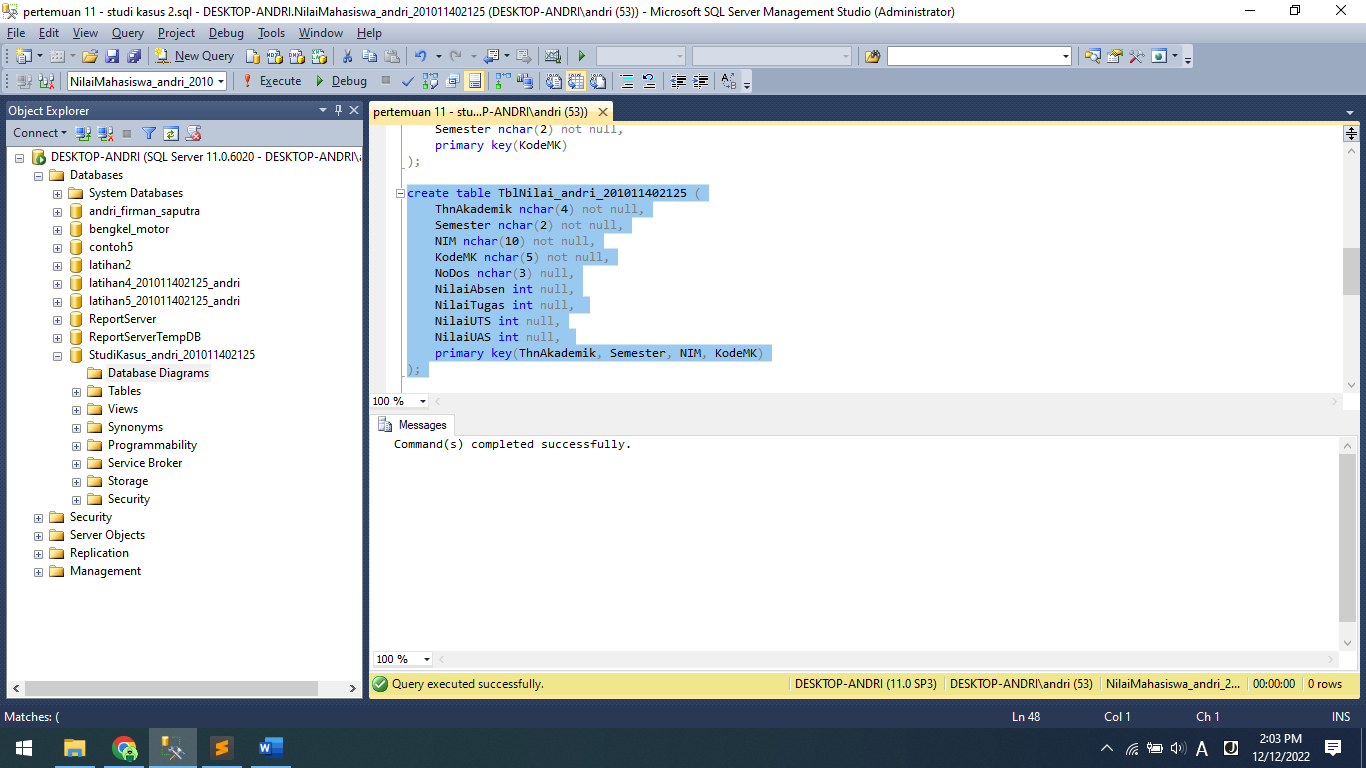


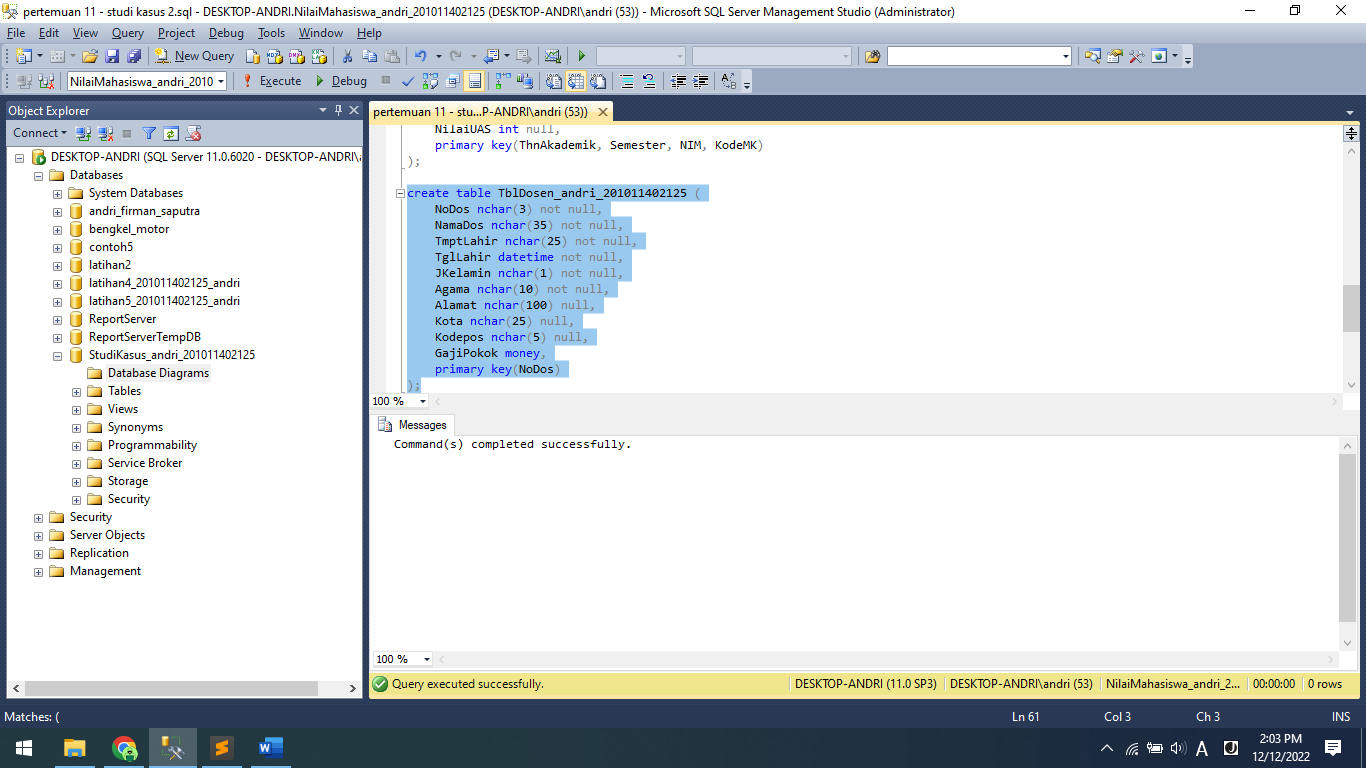


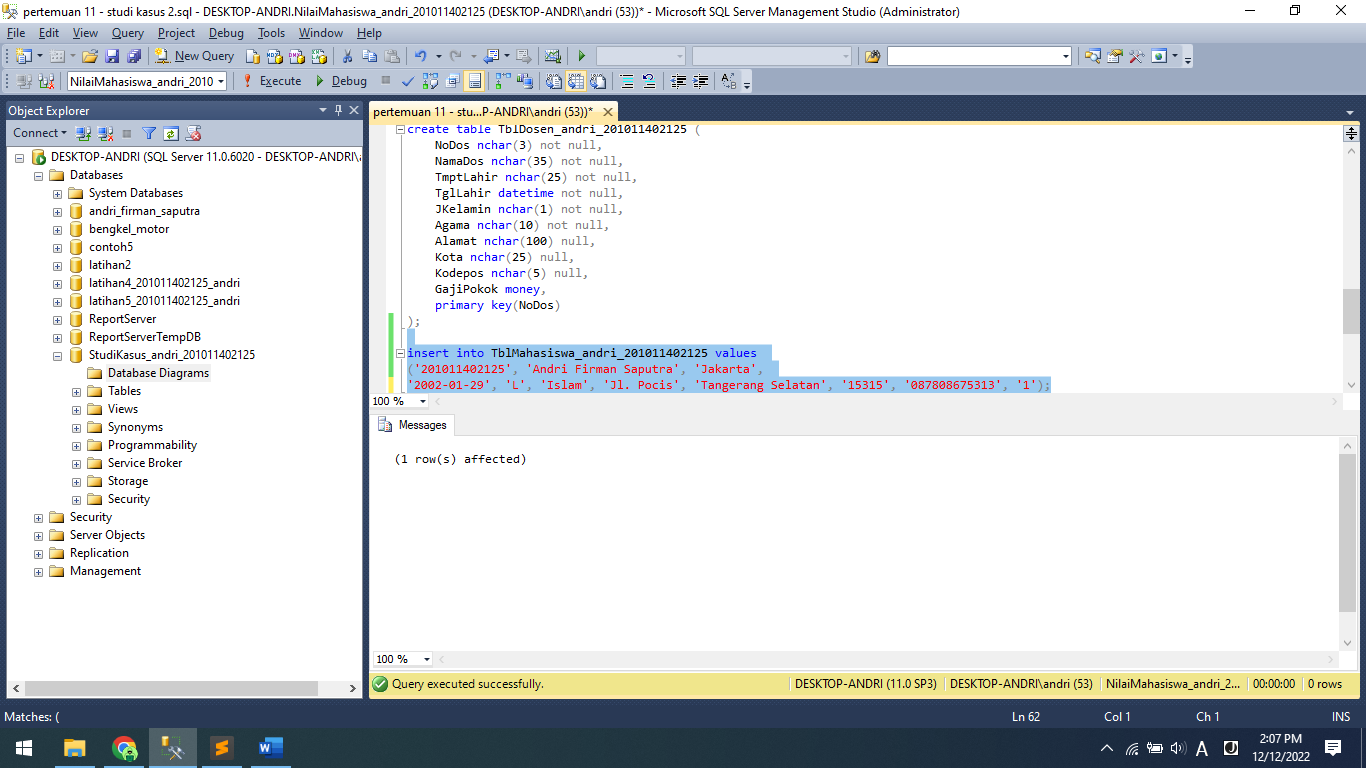


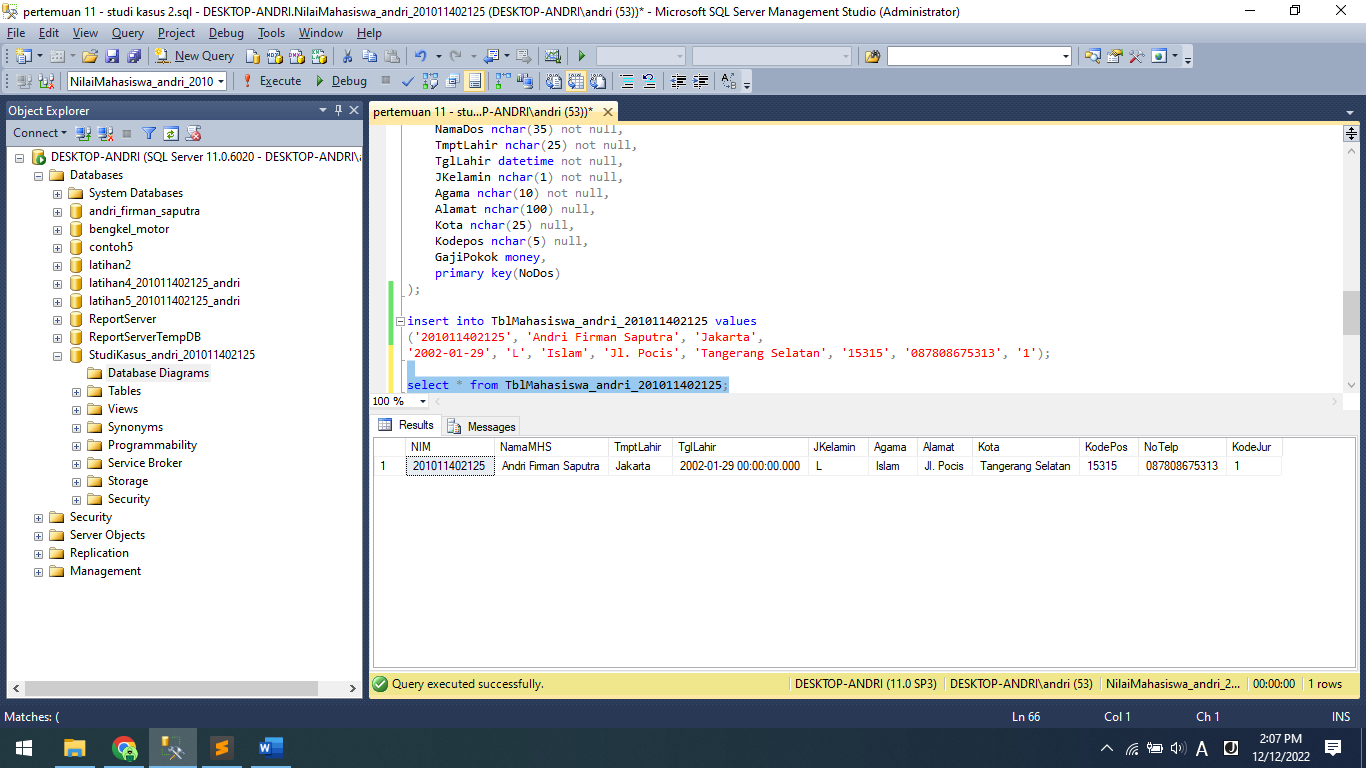












Source Code:

create database NilaiMahasiswa\_andri\_201011402125;

use NilaiMahasiswa\_andri\_201011402125;

create table TblJurusan\_andri\_201011402125 (

KodeJur nchar(3) not null,

NamaJur nchar(35) not null,

Jenjang nchar(2) not null,

KaJur nchar(35) not null,

primary key (KodeJur)

);

create table TblMahasiswa\_andri\_201011402125 (

NIM nchar(12) not null,

NamaMHS nchar(35) not null,

TmptLahir nchar(26) not null,

TglLahir datetime not null,

JKelamin nchar(1) not null,

Agama nchar(10) not null,

Alamat nchar(100) null,

Kota nchar(26) null,

KodePos nchar(5) null,

NoTelp nchar(15) null,

KodeJur nchar(3) null,

primary key(NIM)

);

create table TblMatakuliah\_andri\_201011402125 (

KodeMK nchar(5) not null,

NamaMK nchar(35) not null,

SKS int not null,

Semester nchar(2) not null,

primary key(KodeMK)

);

create table TblNilai\_andri\_201011402125 (

ThnAkademik nchar(4) not null,

Semester nchar(2) not null,

NIM nchar(10) not null,

KodeMK nchar(5) not null,

NoDos nchar(3) null,

NilaiAbsen int null,

NilaiTugas int null,

NilaiUTS int null,

NilaiUAS int null,

primary key(ThnAkademik, Semester, NIM, KodeMK)

);

create table TblDosen\_andri\_201011402125 (

NoDos nchar(3) not null,

NamaDos nchar(35) not null,

TmptLahir nchar(25) not null,

TglLahir datetime not null,

JKelamin nchar(1) not null,

Agama nchar(10) not null,

Alamat nchar(100) null,

Kota nchar(25) null,

Kodepos nchar(5) null,

GajiPokok money,

primary key(NoDos)

);

insert into TblMahasiswa\_andri\_201011402125 values

('201011402125', 'Andri Firman Saputra', 'Jakarta',

'2002-01-29', 'L', 'Islam', 'Jl. Pocis', 'Tangerang Selatan', '15315', '087808675313', '1');

select \* from TblMahasiswa\_andri\_201011402125;