Nama : Tony Afriyanto

Nim : 20180801323

Jurusan : teknik informatika

Mata kuliah : BASIS DATA

**REVIEW UTS DATABASE ORACLE**

Hubungan antar entity, Primary key, dan Foreign key dari ke 5 tabel dan Menggunakan syntax query dari Pak Mazmur Tarigan

|  |
| --- |
| Product |
| Product ID (PK) |
| Product Name |
| Category |
| Buy Price |
| Sell Price |
| Product Image |
| Description |

|  |
| --- |
| Order |
| Order No (PK) |
| Customer (FK) |
| Date |
| Is Deliver |

|  |
| --- |
| Stock |
| Product Name (FK) |
| Quantity |
| Date |
| Stock By |

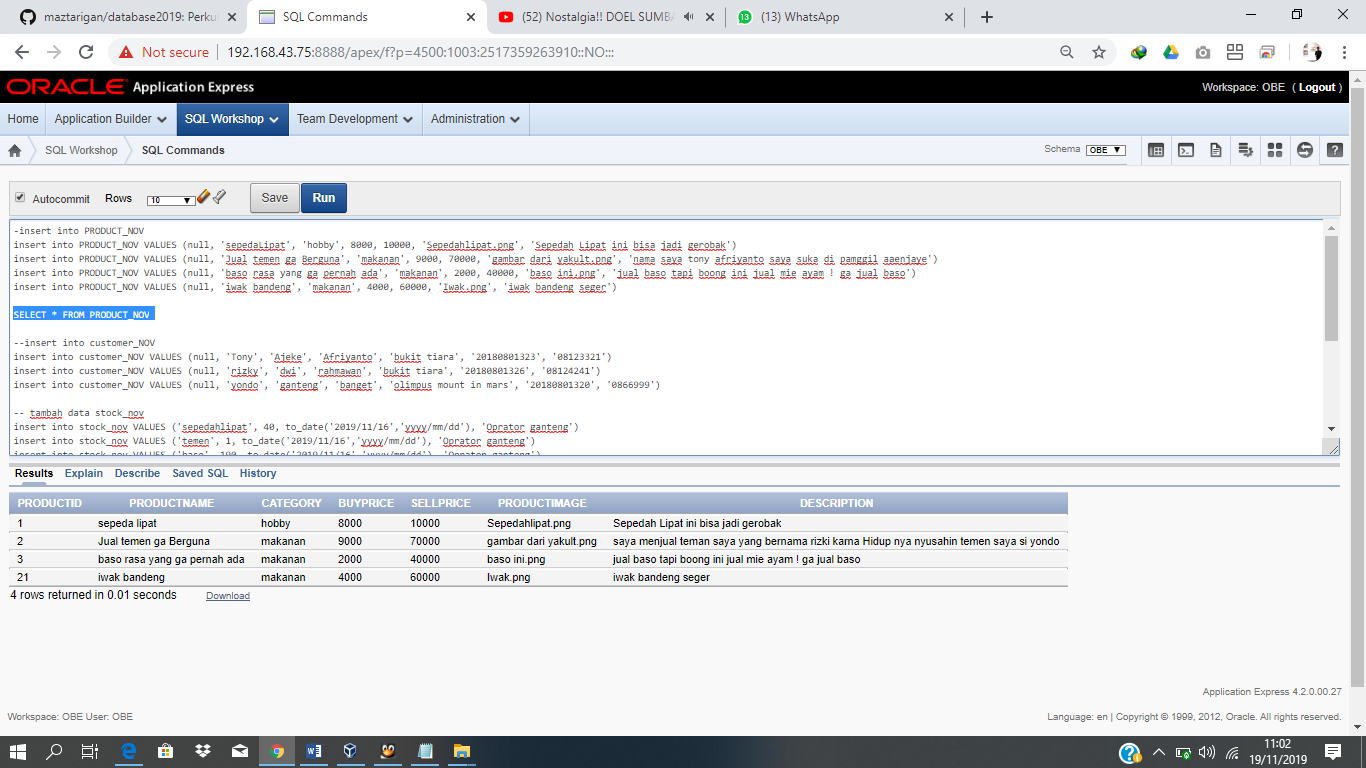
|  |
| --- |
| Order Details |
| Order No (PK) |
| Product Name (FK) |
| Quantity |

|  |
| --- |
| Customer |
| Cust ID (PK) |
| First Name |
| Middle Name |
| Last Name |
| Shipping Address |
| Email |
| Contact |

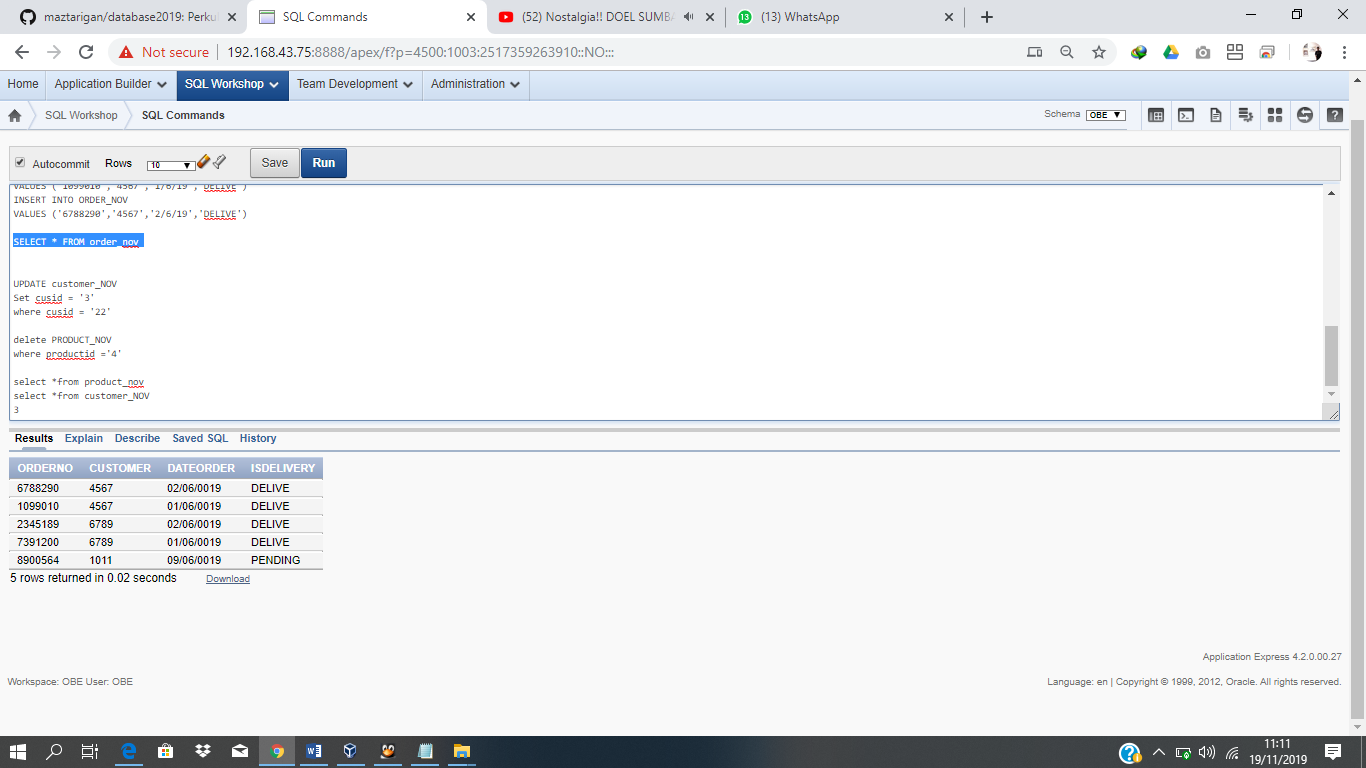
**QUERY**

% Menampilkan dan melihat deskripsi 5 table yang sudah dibuat sesuai perintah di papan tulis %

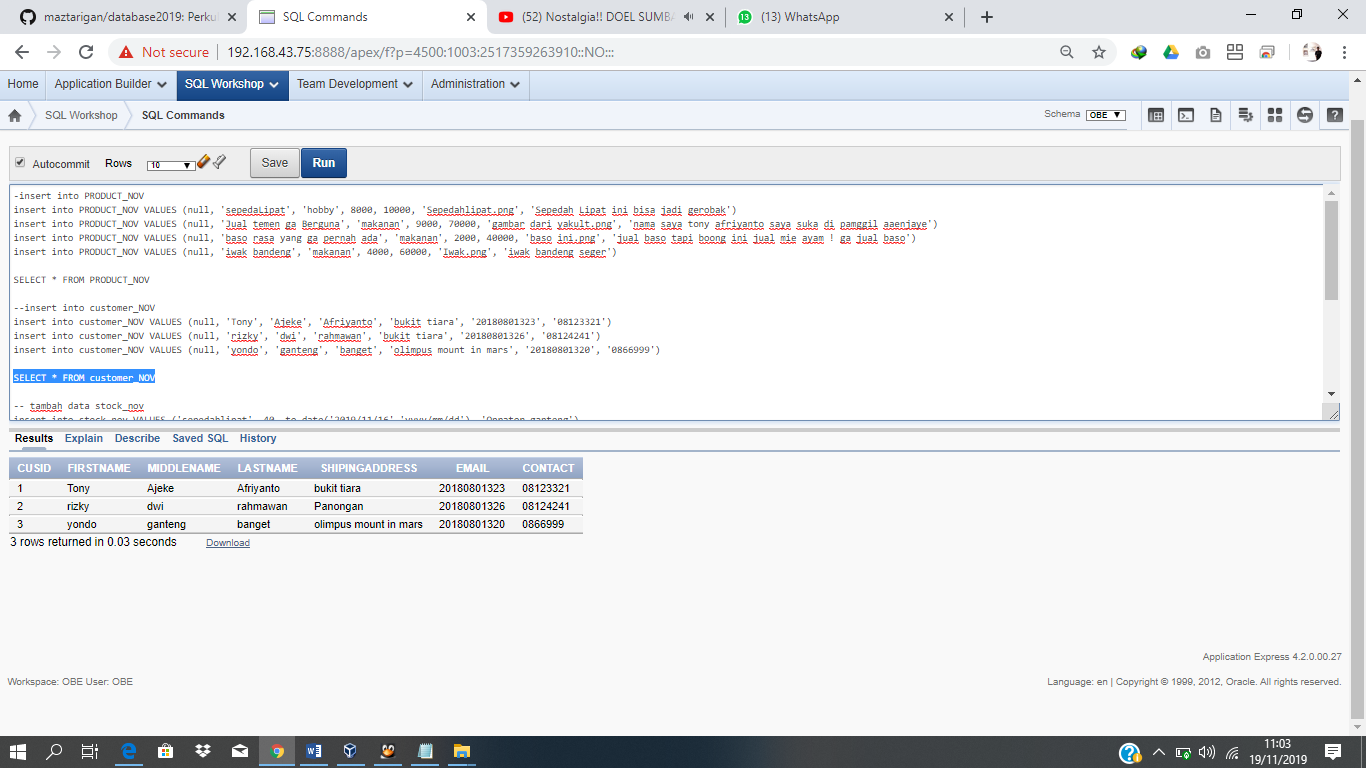
SELECT \* FROM PRODUCT\_NOV



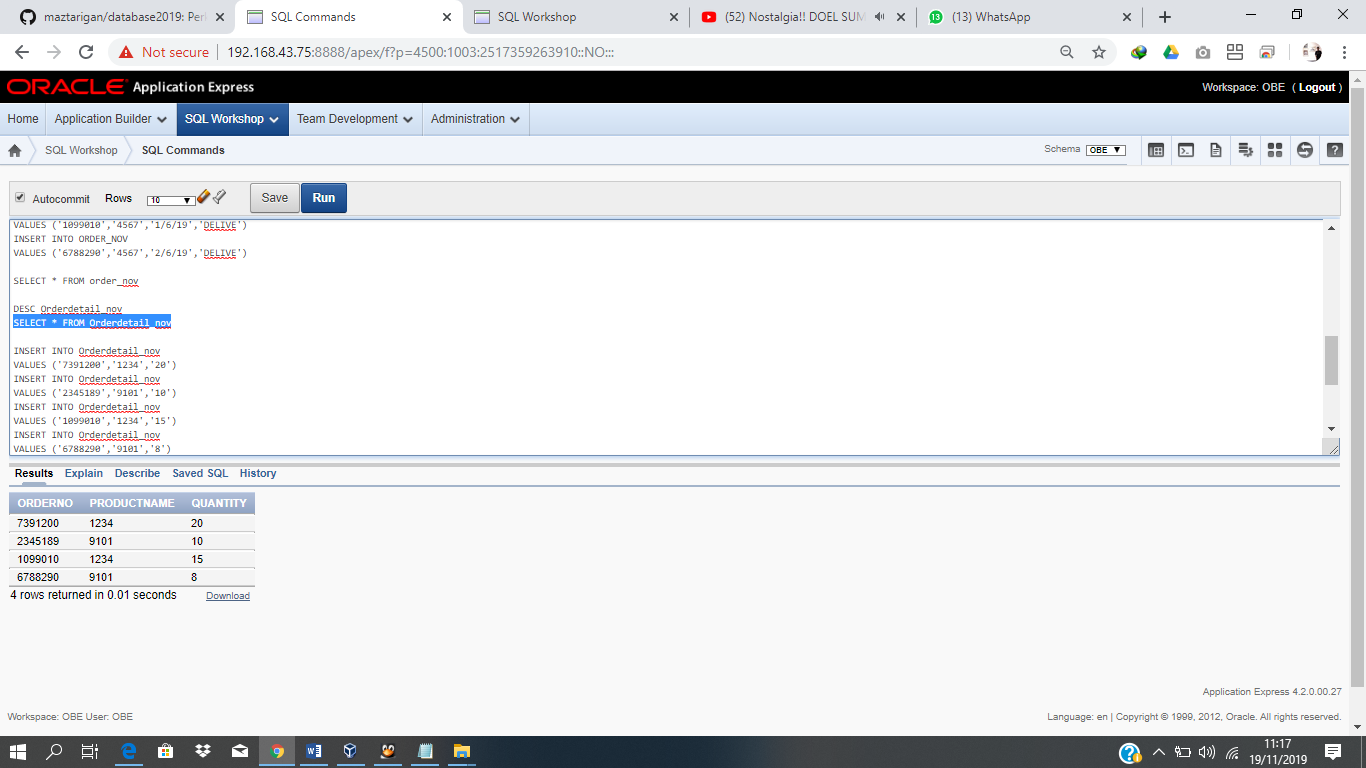
SELECT \* FROM ORDER\_NOV



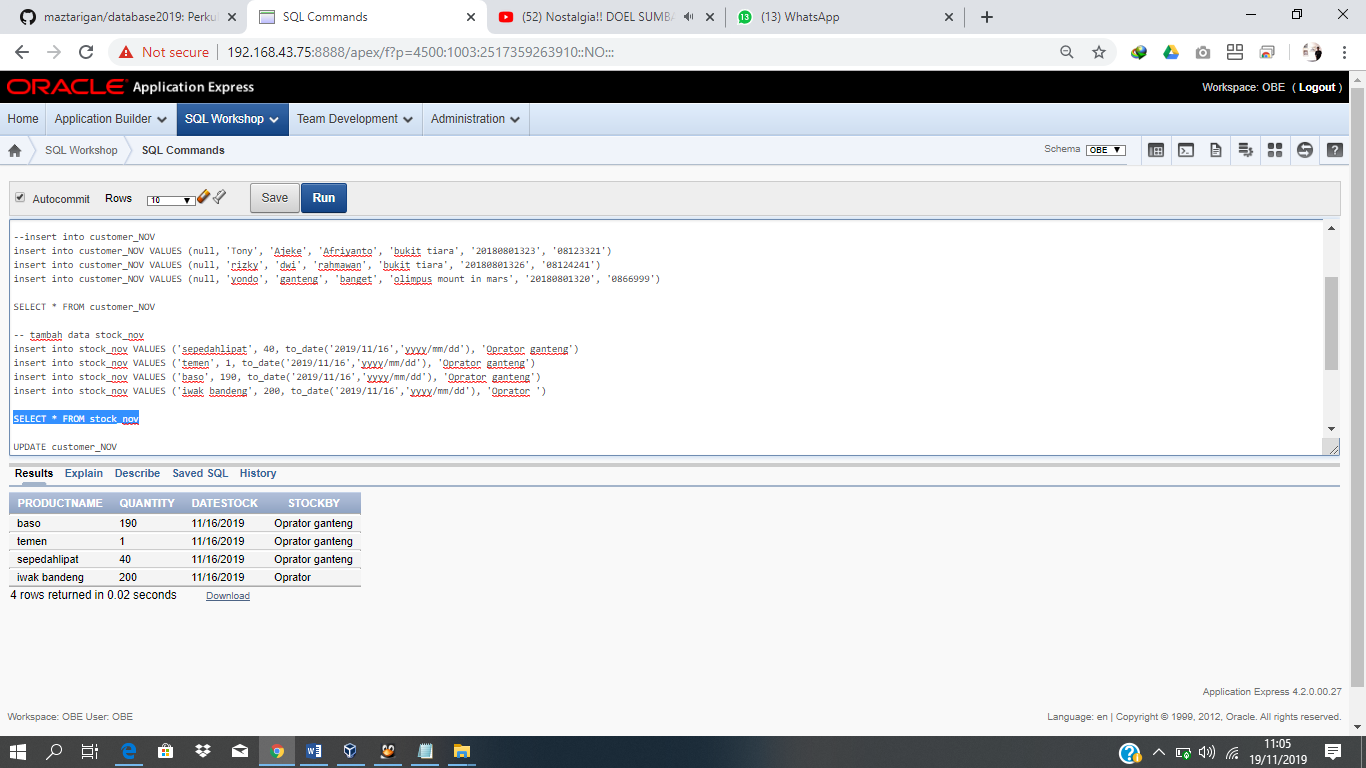
SELECT \* FROM CUSTOMER\_NOV



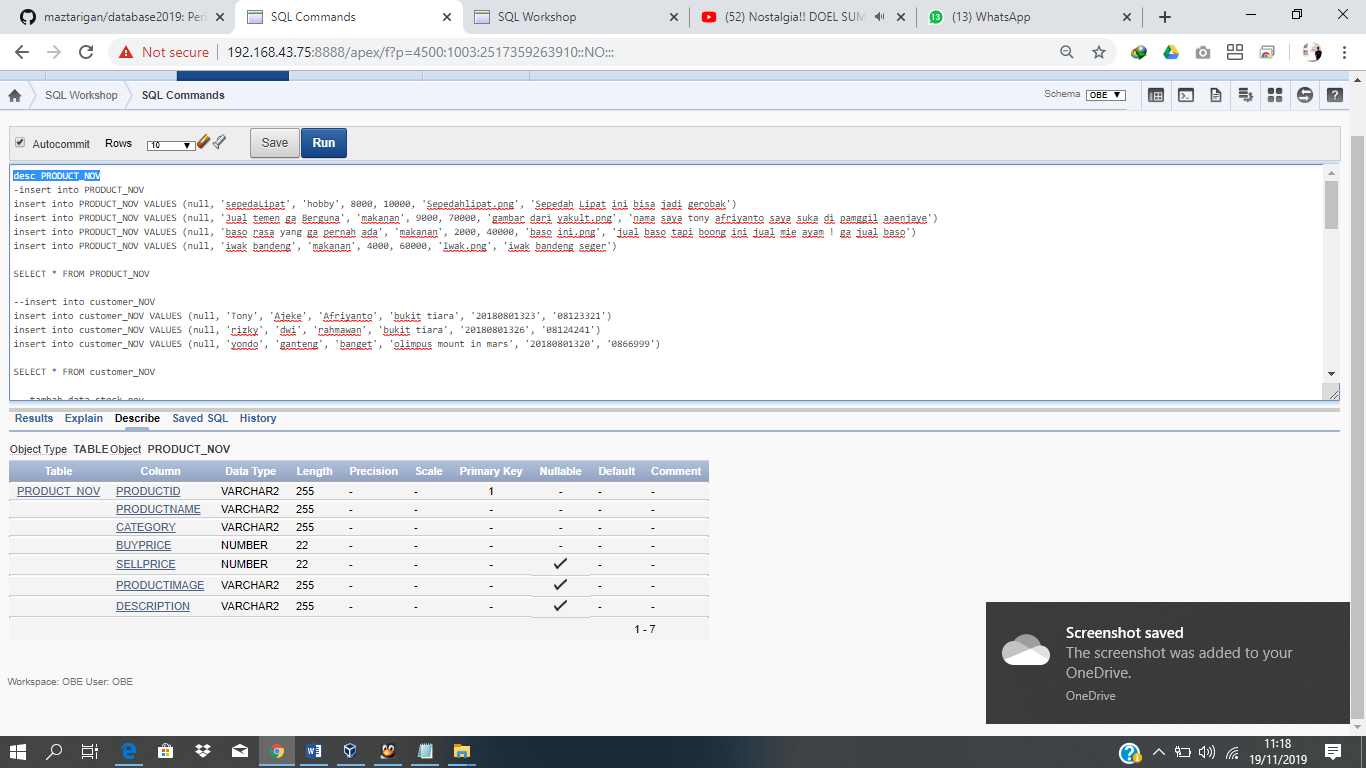
SELECT \* FROM ORDER\_DETAILS\_NOV



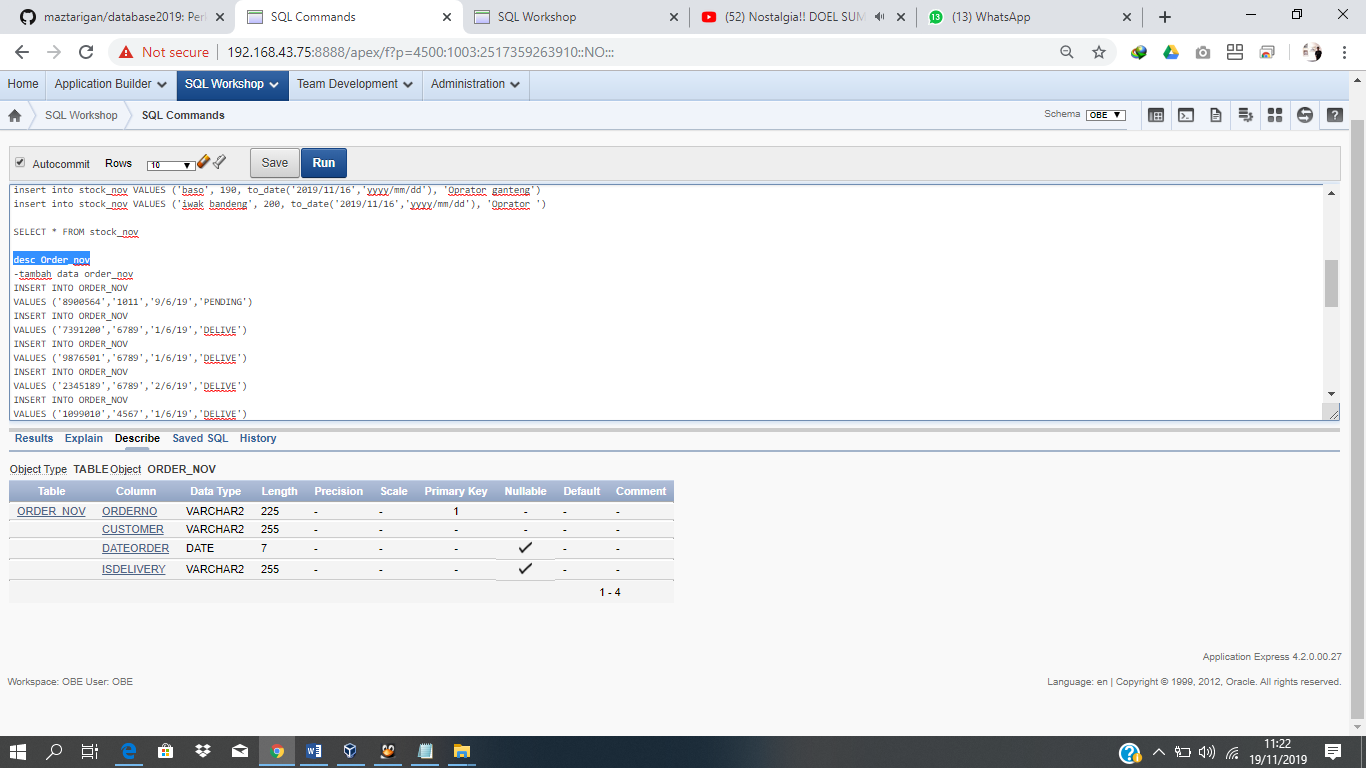
SELECT \* FROM STOCK\_NOV



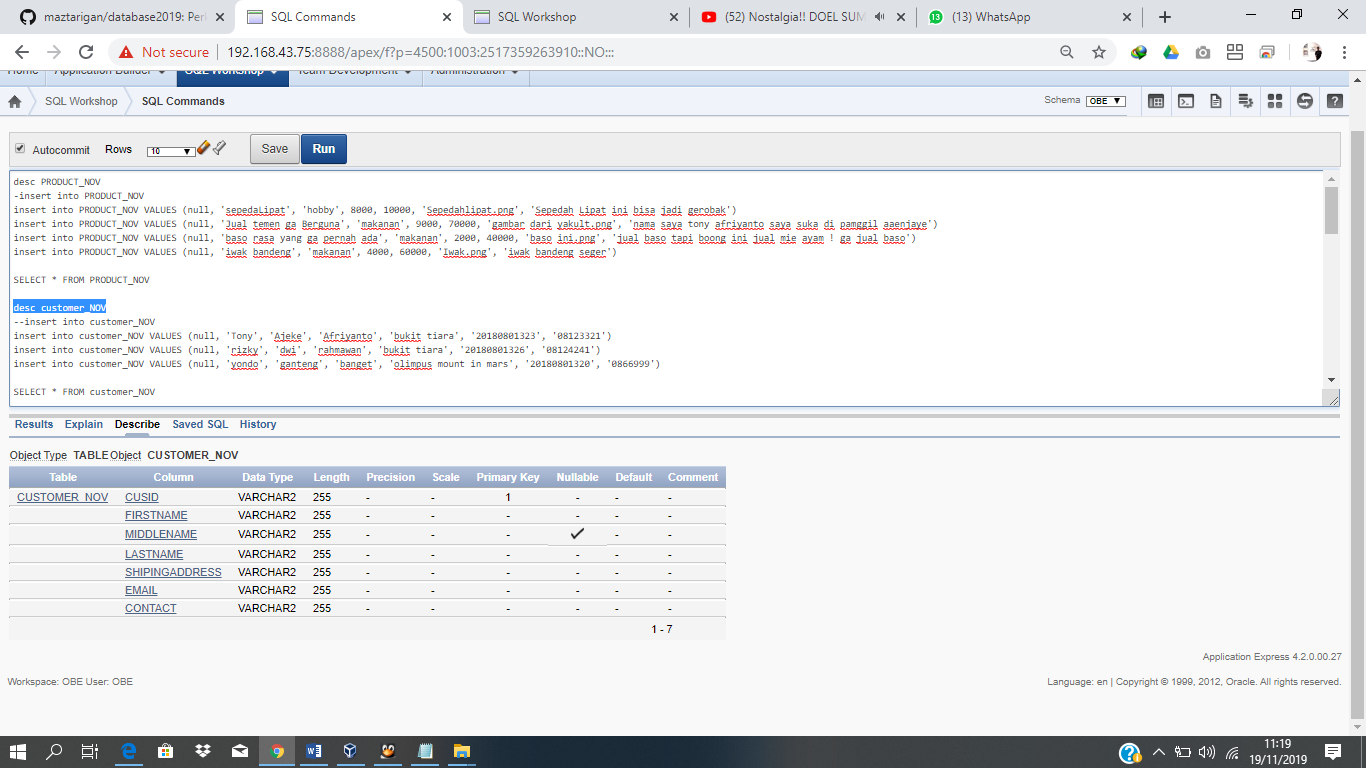
DESC PRODUCT\_NOV



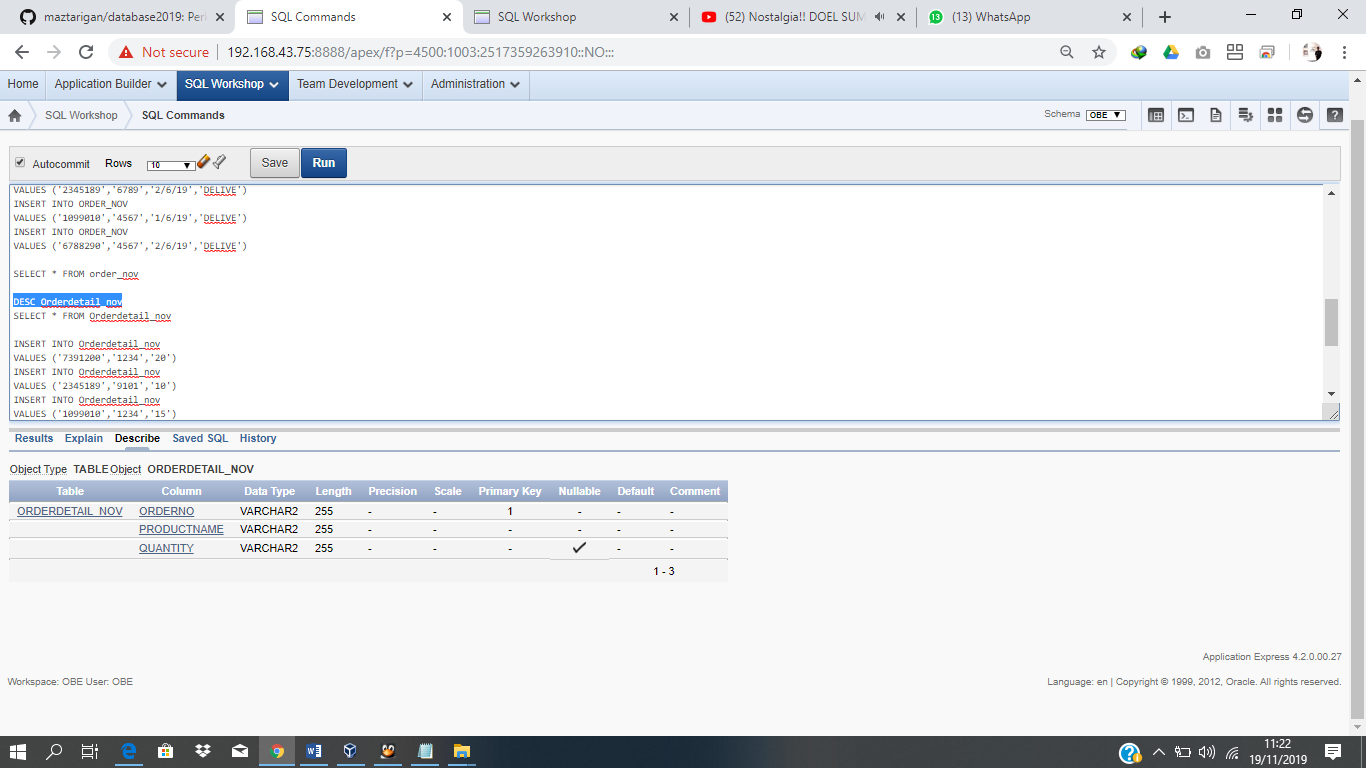
DESC ORDER\_NOV



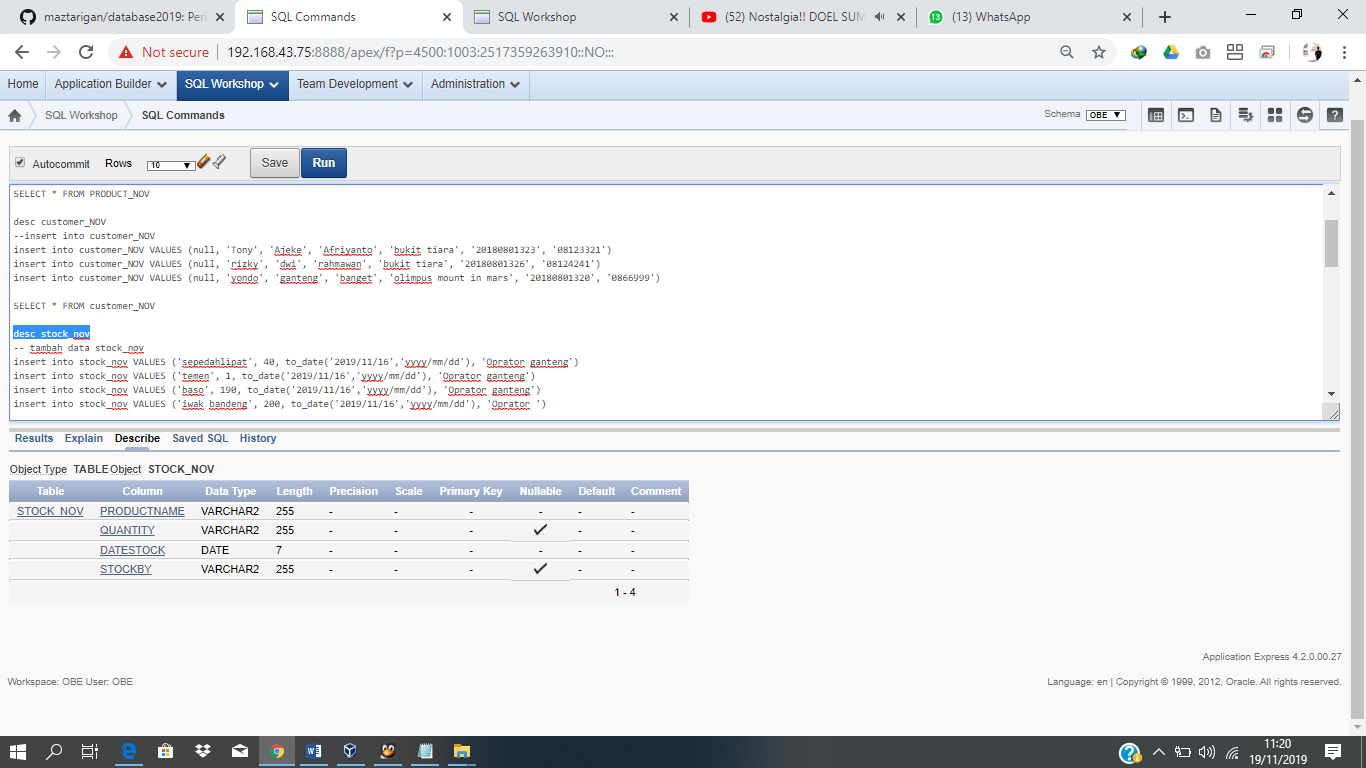
DESC CUSTOMER\_NOV



DESC ORDER\_DETAILS\_NOV



DESC STOCK\_NOV



// --- //

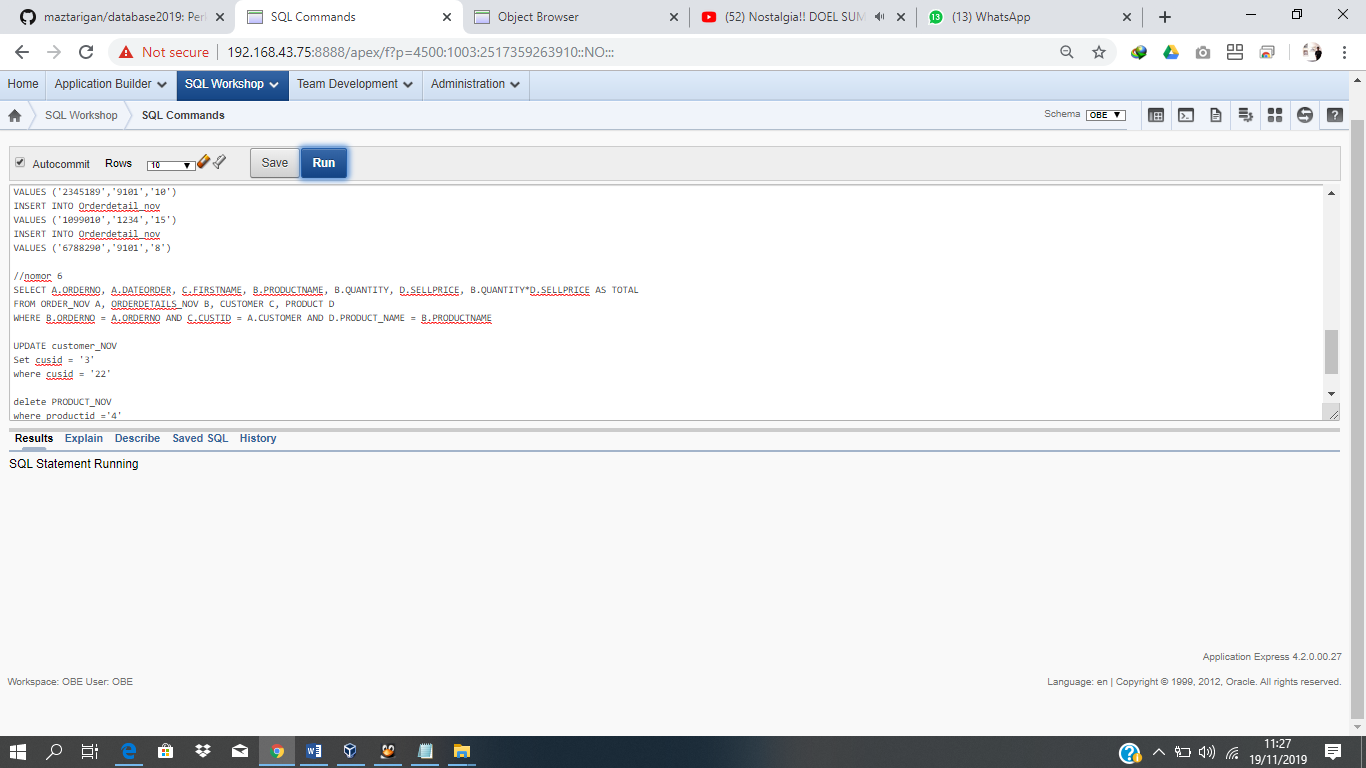
**SOAL NO 6**

**TAMPILKAN DATA TRANSAKSI**

**SELECT** A.ORDER\_NO, A.DATE, C.FIRST\_NAME, B.PRODUCT\_NAME, B.QUANTITY, D.SELL\_PRICE, B.QUANTITY\*D.SELL\_PRICE **AS TOTAL**

**FROM** ORDER\_NOV A, ORDER\_DETAILS\_NOV B, CUSTOMER C, PRODUCT D

**WHERE** B.ORDER\_NO = A.ORDER\_NO AND **C.CUST\_ID = A.CUSTOMER** AND D.PRODUCT\_NAME = B.PRODUCT\_NAME



// --- //

**SOAL NO 7**

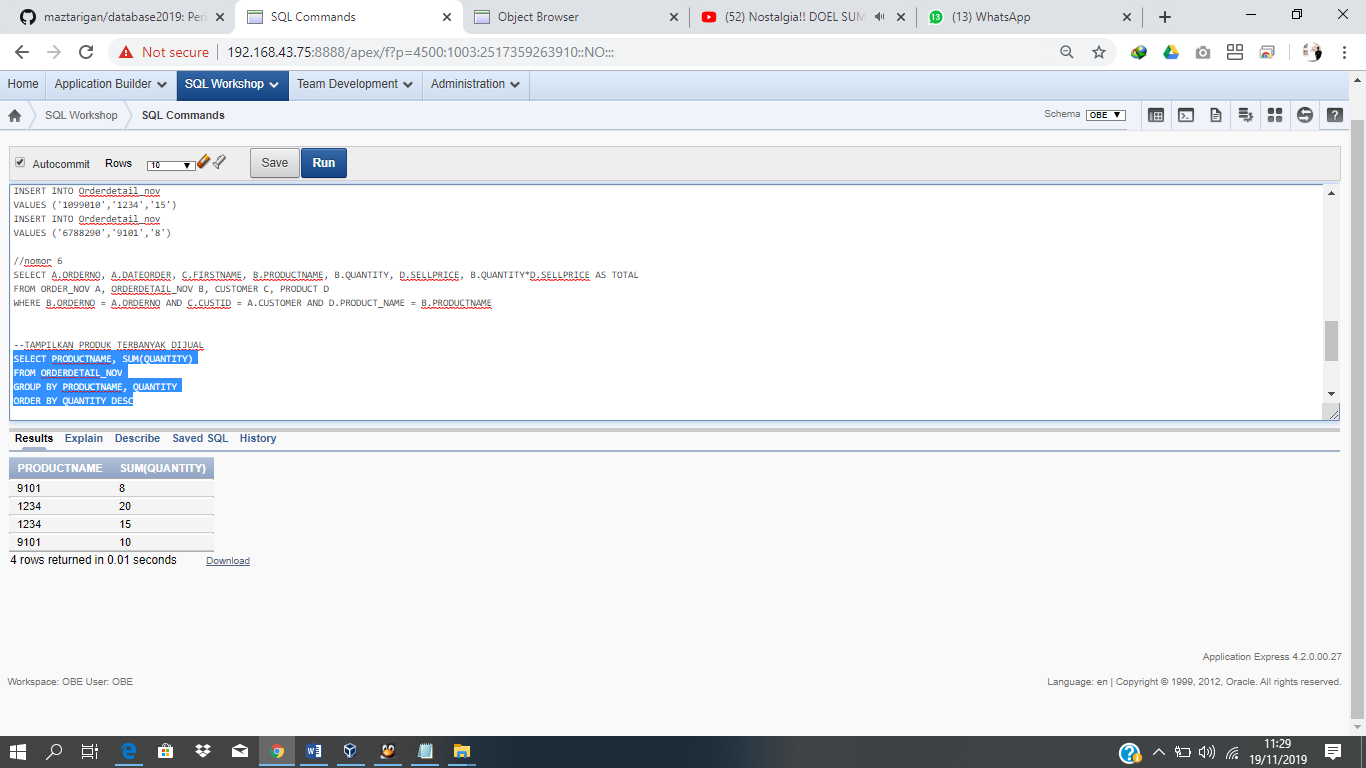
**TAMPILKAN PRODUK TERBANYAK DIJUAL**

**SELECT** PRODUCT\_NAME, SUM(QUANTITY)

**FROM** ORDER\_DETAILS\_NOV

**GROUP BY** PRODUCT\_NAME, QUANTITY

**ORDER BY** QUANTITY DESC



// --- //

**SOAL NO 8**

**TAMPILKAN PRESENTASI PENJUALAN TIAP HARI UNTUK MASING-MASING PRODUK**

**SELECT** A.DATE, B.PRODUCT\_NAME, SUM(B.QUANTITY),

PERSENTASE = (SUM(B.QUANTITY)/

SELECT SUM(D.QUANTITY)

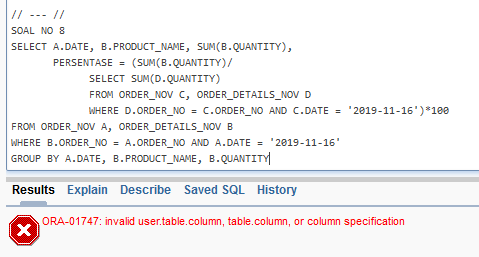
FROM ORDER\_NOV C, ORDER\_DETAILS\_NOV D

WHERE D.ORDER\_NO = C.ORDER\_NO AND C.DATE = '2019-11-16')\*100

**FROM** ORDER\_NOV A, ORDER\_DETAILS\_NOV B

**WHERE** B.ORDER\_NO = A.ORDER\_NO AND A.DATE = '2019-11-16'

**GROUP BY** A.DATE, B.PRODUCT\_NAME, B.QUANTITY



* Syntax pada saat mengerjakan

desc PRODUCT\_NOV

-insert into PRODUCT\_NOV

insert into PRODUCT\_NOV VALUES (null, 'sepedaLipat', 'hobby', 8000, 10000, 'Sepedahlipat.png', 'Sepedah Lipat ini bisa jadi gerobak')

insert into PRODUCT\_NOV VALUES (null, 'Jual temen ga Berguna', 'makanan', 9000, 70000, 'gambar dari yakult.png', 'nama saya tony afriyanto saya suka di pamggil aaenjaye')

insert into PRODUCT\_NOV VALUES (null, 'baso rasa yang ga pernah ada', 'makanan', 2000, 40000, 'baso ini.png', 'jual baso tapi boong ini jual mie ayam ! ga jual baso')

insert into PRODUCT\_NOV VALUES (null, 'iwak bandeng', 'makanan', 4000, 60000, 'Iwak.png', 'iwak bandeng seger')

SELECT \* FROM PRODUCT\_NOV

desc customer\_NOV

--insert into customer\_NOV

insert into customer\_NOV VALUES (null, 'Tony', 'Ajeke', 'Afriyanto', 'bukit tiara', '20180801323', '08123321')

insert into customer\_NOV VALUES (null, 'rizky', 'dwi', 'rahmawan', 'bukit tiara', '20180801326', '08124241')

insert into customer\_NOV VALUES (null, 'yondo', 'ganteng', 'banget', 'olimpus mount in mars', '20180801320', '0866999')

SELECT \* FROM customer\_NOV

desc stock\_nov

-- tambah data stock\_nov

insert into stock\_nov VALUES ('sepedahlipat', 40, to\_date('2019/11/16','yyyy/mm/dd'), 'Oprator ganteng')

insert into stock\_nov VALUES ('temen', 1, to\_date('2019/11/16','yyyy/mm/dd'), 'Oprator ganteng')

insert into stock\_nov VALUES ('baso', 190, to\_date('2019/11/16','yyyy/mm/dd'), 'Oprator ganteng')

insert into stock\_nov VALUES ('iwak bandeng', 200, to\_date('2019/11/16','yyyy/mm/dd'), 'Oprator ')

SELECT \* FROM stock\_nov

desc Order\_nov

-tambah data order\_nov

INSERT INTO ORDER\_NOV

VALUES ('8900564','1011','9/6/19','PENDING')

INSERT INTO ORDER\_NOV

VALUES ('7391200','6789','1/6/19','DELIVE')

INSERT INTO ORDER\_NOV

VALUES ('9876501','6789','1/6/19','DELIVE')

INSERT INTO ORDER\_NOV

VALUES ('2345189','6789','2/6/19','DELIVE')

INSERT INTO ORDER\_NOV

VALUES ('1099010','4567','1/6/19','DELIVE')

INSERT INTO ORDER\_NOV

VALUES ('6788290','4567','2/6/19','DELIVE')

SELECT \* FROM order\_nov

DESC Orderdetail\_nov

SELECT \* FROM Orderdetail\_nov

INSERT INTO Orderdetail\_nov

VALUES ('7391200','1234','20')

INSERT INTO Orderdetail\_nov

VALUES ('2345189','9101','10')

INSERT INTO Orderdetail\_nov

VALUES ('1099010','1234','15')

INSERT INTO Orderdetail\_nov

VALUES ('6788290','9101','8')

//nomor 6

SELECT A.ORDERNO, A.DATEORDER, C.FIRSTNAME, B.PRODUCTNAME, B.QUANTITY, D.SELLPRICE, B.QUANTITY\*D.SELLPRICE AS TOTAL

FROM ORDER\_NOV A, ORDERDETAIL\_NOV B, CUSTOMER C, PRODUCT D

WHERE B.ORDERNO = A.ORDERNO AND C.CUSTID = A.CUSTOMER AND D.PRODUCT\_NAME = B.PRODUCTNAME

--TAMPILKAN PRODUK TERBANYAK DIJUAL

SELECT PRODUCTNAME, SUM(QUANTITY)

FROM ORDERDETAIL\_NOV

GROUP BY PRODUCTNAME, QUANTITY

ORDER BY QUANTITY DESC

UPDATE customer\_NOV

Set cusid = '3'

where cusid = '22'

delete PRODUCT\_NOV

where productid ='4'

select \*from product\_nov

select \*from customer\_NOV