TUGAS BASIS DATA

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SQL CREATE TABLE

//Table Product

CREATE TABLE "PRODUCT\_AWI"

( "PRODUCT\_ID" NUMBER,

"PRODUCT\_NAME" VARCHAR2(50),

"CATEGORY" VARCHAR2(25),

"BUY\_PRICE" NUMBER NOT NULL ENABLE,

"SELL\_PRICE" NUMBER NOT NULL ENABLE,

"PRODUC\_IMAGE" VARCHAR2(50),

"DESCRIPTION" VARCHAR2(50),

CONSTRAINT "PRODUCT\_PKAWI" PRIMARY KEY ("PRODUCT\_ID") ENABLE

)

//Table Stock

CREATE TABLE "STOCK\_AWI"

( "PRODUCT\_NAME" NUMBER NOT NULL ENABLE,

"QUANTITY" NUMBER NOT NULL ENABLE,

"DATES" DATE,

"STOCK\_BY" NUMBER NOT NULL ENABLE )

/

ALTER TABLE "STOCK\_AWI" ADD CONSTRAINT "STOCK\_AWI\_FKAWI" FOREIGN KEY ("PRODUCT\_NAME")

REFERENCES "PRODUCT\_AWI" ("PRODUCT\_ID") ENABLE

/

//Table Customer

CREATE TABLE "CUSTOMER\_AWI"

( "CUS\_ID" VARCHAR2(50) NOT NULL ENABLE,

"FIRST\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"MIDDLE\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"LAST\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"SHIPPING\_ADDRESS" VARCHAR2(50) NOT NULL ENABLE,

"EMAIL" VARCHAR2(50) NOT NULL ENABLE,

"CONTACT" NUMBER NOT NULL ENABLE,

CONSTRAINT "CUSTOMER\_AWI\_PKAWI" PRIMARY KEY ("CUS\_ID") ENABLE

)

//Table Order

CREATE TABLE "ORDER\_AWI"

( "ORDER\_NO" VARCHAR2(50) NOT NULL ENABLE,

"CUSTOMER" VARCHAR2(50) NOT NULL ENABLE,

"DATES" DATE NOT NULL ENABLE,

"IS\_DELIVER" VARCHAR2(50) NOT NULL ENABLE,

CONSTRAINT "ORDER\_AWI\_PKAWI" PRIMARY KEY ("ORDER\_NO") ENABLE

)

/

ALTER TABLE "ORDER\_AWI" ADD CONSTRAINT "ORDER\_AWI\_FKAWI" FOREIGN KEY ("CUSTOMER")

REFERENCES "CUSTOMER\_AWI" ("CUS\_ID") ENABLE

/

//Table Order Details

CREATE TABLE "ORDER\_DETAILS\_AWI"

( "ORDER\_NO" VARCHAR2(50) NOT NULL ENABLE,

"PRODUCT\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"QUANTITY" NUMBER NOT NULL ENABLE

)

/

ALTER TABLE "ORDER\_DETAILS\_AWI" ADD CONSTRAINT "ORDER\_DETAILS\_AWI\_FKAWI" FOREIGN KEY ("ORDER\_NO")

REFERENCES "ORDER\_AWI" ("ORDER\_NO") ENABLE

/

ALTER TABLE "ORDER\_DETAILS\_AWI" ADD CONSTRAINT "ORDER\_DETAILS\_AWI\_FKAWI1" FOREIGN KEY ("PRODUCT\_NAME")

REFERENCES "PRODUCT\_AWI" ("PRODUCT\_ID") ENABLE

/

//Table Employee

CREATE TABLE "EMPLOYEE\_AWI"

( "EMP\_ID" VARCHAR2(50) NOT NULL ENABLE,

"FIRST\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"MIDDLE\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"LAST\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"FATHER\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"MOTHER\_NAME" VARCHAR2(50) NOT NULL ENABLE,

"EMAIL" VARCHAR2(50) NOT NULL ENABLE,

"GENDER" VARCHAR2(50) NOT NULL ENABLE,

"DATE\_OF\_BIRTH" VARCHAR2(50) NOT NULL ENABLE,

"MARITAL\_STATUS" VARCHAR2(50) NOT NULL ENABLE,

"ADDRESS" VARCHAR2(50) NOT NULL ENABLE,

CONSTRAINT "EMPLOYEE\_AWI\_PKAWI" PRIMARY KEY ("EMP\_ID") ENABLE

)

SQL INSERT TABLE

//Insert Product

insert into PRODUCT\_AWI

values ('001','PENSIL','ALAT TULIS','2000','5000','-','-')

insert into PRODUCT\_ AWI

values ('002','PULPEN','ALAT TULIS','2000','5000','-','-')

insert into PRODUCT\_ AWI

values ('003','PENGHAPUS','ALAT TULIS','2000','5000','-','-')

//Insert Stock

insert into STOCK\_AWI

values ('001','100','01/11/2019','AWIZZI')

insert into STOCK\_AWI

values ('002','150','01/11/2019','AWIZZI')

insert into STOCK\_AWI

values ('003','200','02/11/2019','AWIZZI')

//Insert Customer

insert into CUSTOMER\_AWI

values ('001','ARNEA','-','-','CISOKA','a@gmail.com','08123456789')

insert into CUSTOMER\_AWI

values ('002','WANDA','-','-','CISOKA','w@gmail.com','08123456788')

insert into CUSTOMER\_AWI

values ('003','IZZI','-','-','CISOKA','i@gmail.com','08123456787')

//Insert Order

insert into ORDER\_AWI

values ('001','001','17/11/2019','D')

insert into ORDER\_AWI

values ('002','002','17/11/2019','D')

insert into ORDER\_AWI

values ('003','003','16/11/2019','D')

//Insert Order Details

insert into ORDER\_DETAILS\_AWI

values ('001','001','50')

insert into ORDER\_DETAILS\_AWI

values ('002','001','40')

insert into ORDER\_DETAILS\_AWI

values ('003','002','50')

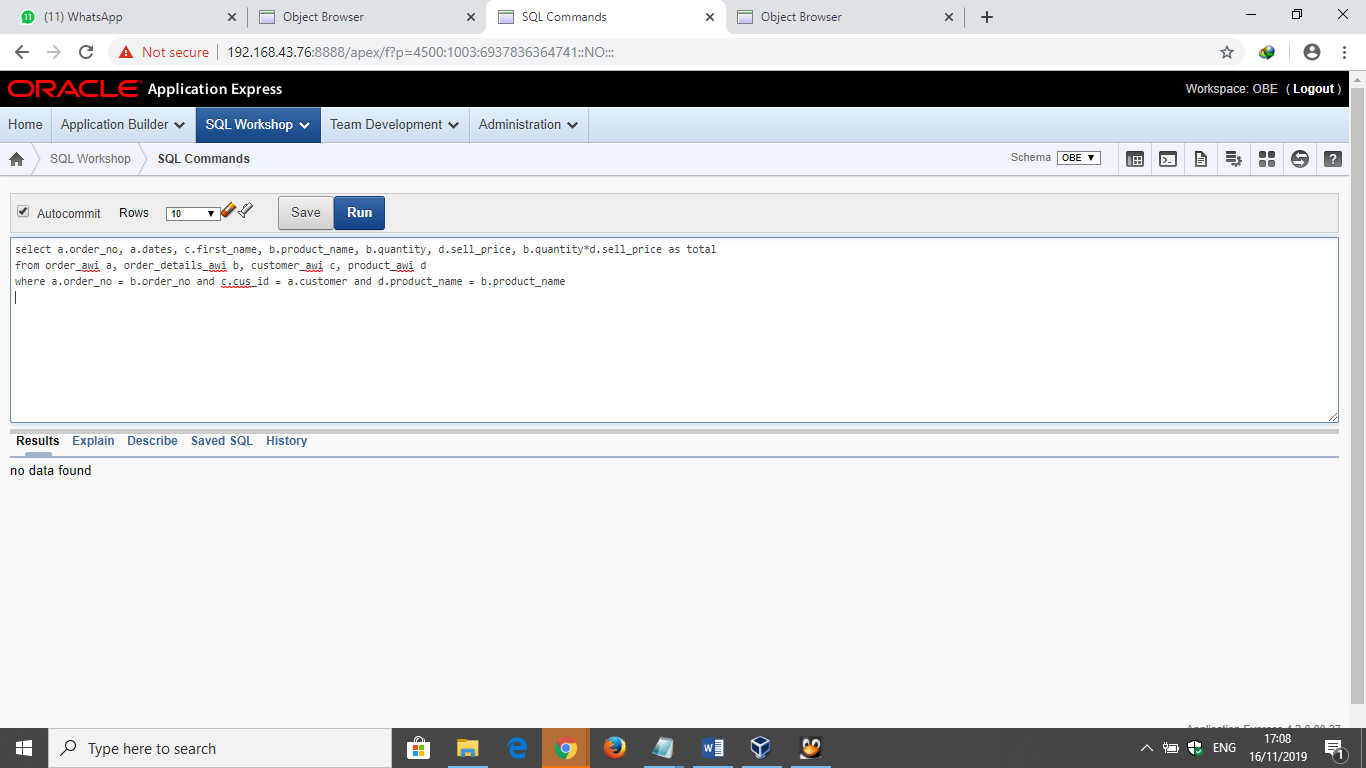
SQL SELECT TABLE

//jawaban no 6

select a.order\_no, a.dates, c.first\_name, b.product\_name, b.quantity, d.sell\_price, b.quantity\*d.sell\_price as total

from order\_awi a, order\_details\_awi b, customer\_awi c, product\_awi d

where a.order\_no = b.order\_no and c.cus\_id = a.customer and d.product\_name = b.product\_name



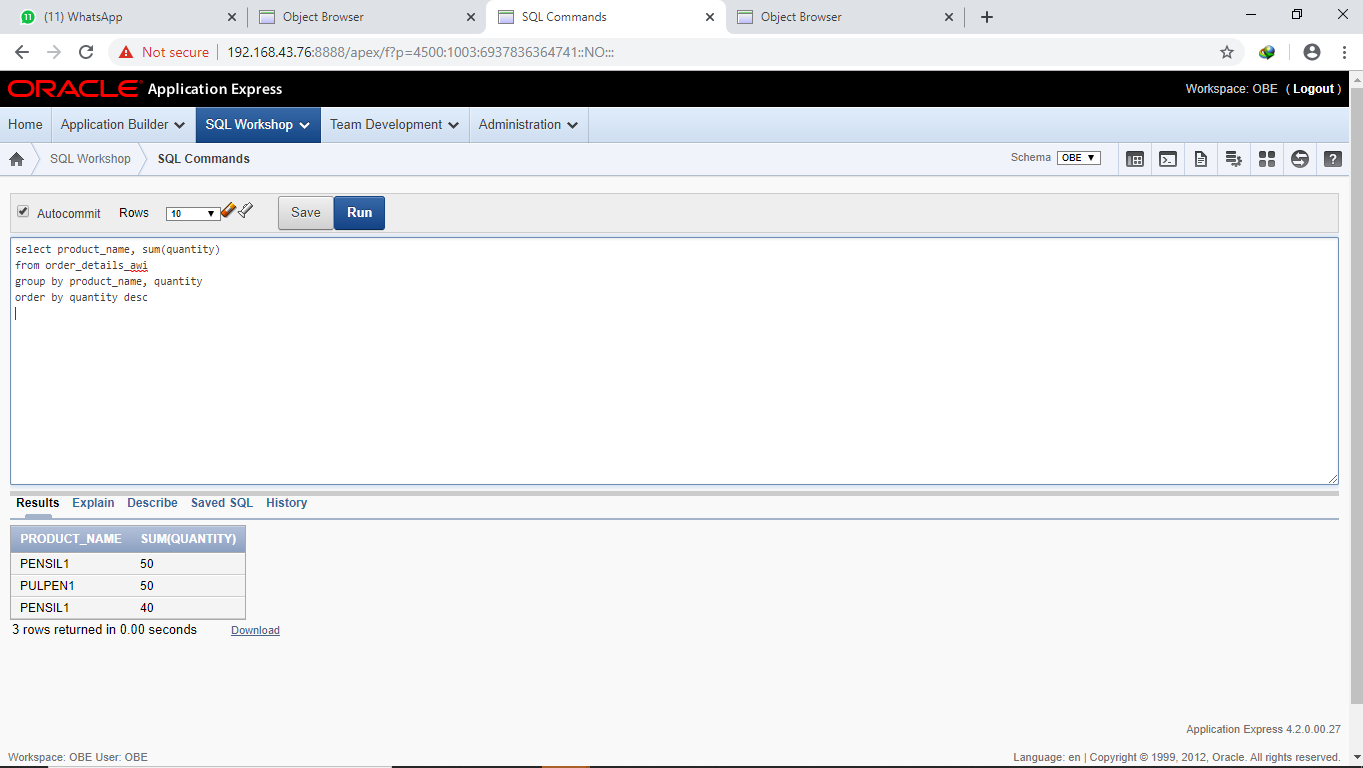
//jawaban no 7

select product\_name, sum(quantity)

from order\_details\_awi

group by product\_name, quantity

order by quantity desc



//jawaban no 8

select a.date, b.product\_name, sum(b.quantity),

persentase = (sum(b.quantity)/

select sum(d.quantity)

from order\_awi c, order\_details\_awi d

where d.order\_no = c.order\_no and c.date = ('02/11/2019')\*100

from order\_awi a, order\_details\_awi b

where b.order\_no = a.order\_no and a.dates = ‘02/11/2019’

group by a.date,b.product\_name,b.quantity

