**TUGAS BASIS DATA**

**Nama : MUHAMAD DHIKY TAUFIK HIMAWAN**

**Nim : 20180801382**

SQL CREATE TABLE

//Table Product

CREATE TABLE "PRODUCT"

( "PRODUCT\_ID" VARCHAR2(5),

"PRODUCT\_NAME" VARCHAR2(20),

"CATEGORY" VARCHAR2(20),

"BUY\_PRICE" VARCHAR2(20),

"SELL\_PRICE" VARCHAR2(20),

"PRODUCT\_IMAGE" VARCHAR2(20),

"DESCRIPTION" VARCHAR2(20),

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

)

/

//Table Stock

CREATE TABLE "STOCK\_\_"

( "PRODUCT\_NAME" VARCHAR2(10) NOT NULL ENABLE,

"QUANTITY" NUMBER NOT NULL ENABLE,

"DTE" DATE NOT NULL ENABLE,

"STOCK\_BY" VARCHAR2(10) NOT NULL ENABLE

)

/

ALTER TABLE "STOCK\_\_" ADD CONSTRAINT "STOCK\_\_\_FK2" FOREIGN KEY ("PRODUCT\_NAME")

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

/

//Table Customer

CREATE TABLE "CUSTOMER\_N"

( "CUSTOMER\_ID" NUMBER NOT NULL ENABLE,

"FIRST\_NAME" VARCHAR2(10) NOT NULL ENABLE,

"MIDDLE\_NAME" VARCHAR2(10) NOT NULL ENABLE,

"LAST\_NAME" VARCHAR2(10) NOT NULL ENABLE,

"SHIPPING\_ADDRESS" VARCHAR2(20) NOT NULL ENABLE,

"EMAIL" VARCHAR2(20) NOT NULL ENABLE,

"CONTACT" VARCHAR2(20) NOT NULL ENABLE,

CONSTRAINT "CUSTOMER\_N\_PK" PRIMARY KEY ("CUSTOMER\_ID") ENABLE

)

//Table Order

CREATE TABLE "ORDER\_\_"

( "ORDER\_NO" NUMBER(5,0) NOT NULL ENABLE,

"CUSTOMER\_" NUMBER,

"DATE\_\_" VARCHAR2(20),

"IS\_DELIVER" VARCHAR2(20),

CONSTRAINT "ORDER\_\_\_PK" PRIMARY KEY ("ORDER\_NO") ENABLE

)

/

ALTER TABLE "ORDER\_\_" ADD CONSTRAINT "ORDER\_\_\_FK3" FOREIGN KEY ("CUSTOMER\_")

REFERENCES "CUSTOMER\_N" ("CUSTOMER\_ID") ENABLE

/

//Table Order Details

CREATE TABLE "ORDER\_DETAILS\_"

( "ORDER\_NO" NUMBER NOT NULL ENABLE,

"PRODUCT\_NAME" VARCHAR2(10) NOT NULL ENABLE,

"QUANTITY" NUMBER NOT NULL ENABLE

)

/

ALTER TABLE "ORDER\_DETAILS\_" ADD CONSTRAINT "ORDER\_DETAILS\_\_FK" FOREIGN KEY ("ORDER\_NO")

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

/

ALTER TABLE "ORDER\_DETAILS\_" ADD CONSTRAINT "ORDER\_DETAILS\_\_FK3" FOREIGN KEY ("PRODUCT\_NAME")

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

/

//Table Employee

CREATE TABLE "EMPLOYEE"

( "EMPLOYEE\_ID" NUMBER(3,0),

"FIRST\_NAME" VARCHAR2(20),

"MIDDLE\_NAME" VARCHAR2(20) NOT NULL ENABLE,

"LAST\_NAME" VARCHAR2(20),

"FATHER\_NAME" VARCHAR2(20),

"MOTHER\_NAME" VARCHAR2(20),

"EMAIL" VARCHAR2(20),

"GENDER" VARCHAR2(20),

"DATE\_OF\_BIRTH" DATE NOT NULL ENABLE,

"MARITAL\_STATUS" VARCHAR2(20),

"ADDRESS" VARCHAR2(20),

CONSTRAINT "EMPLOYEE\_PK" PRIMARY KEY ("EMPLOYEE\_ID") ENABLE

)

/

SQL INSERT TABLE

//Insert Product

insert into PRODUCT\_

values ('6785','PENSIL','ATK','800','1000','YAMANO','BEST SELLER')

insert into PRODUCT\_

values ('6798','FLUID','ATK','4800','5000','RE-TYPE','QUALITY PRODUCT NO.1')

insert into PRODUCT\_

values ('5367','MAX','ATK','7000','8000','HD10','-')



//Insert Stock

insert into STOCK\_

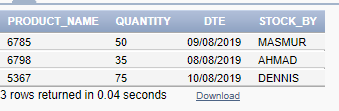
values ('6785','50','09/08/2019','MASMUR')

insert into STOCK\_

values ('6798','35','08/08/2019','AHMAD')

insert into STOCK\_

values ('5367','75','10/08/2019','DENNIS')



//Insert Customer

insert into CUSTOMER\_N

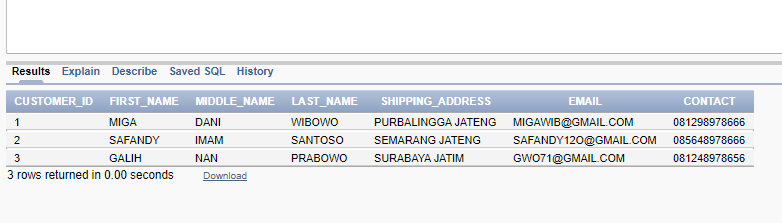
values ('1','MIGA','DANI','WIBOWO','PURBALINGGA JATENG','MIGAWIB@gmail.com','081298978666')

insert into CUSTOMER\_AWI

values ('2','SAFANDY','IMAM','SANTOSO','SEMARANG JATENG','SAFANDY12O@gmail.com','08564978666')

insert into CUSTOMER\_AWI

values ('3','GALIH','NAN','PRABOWO','SURABAYA JATIM','GWO71@gmail.com','081248978656')



//Insert Order

insert into ORDER\_\_

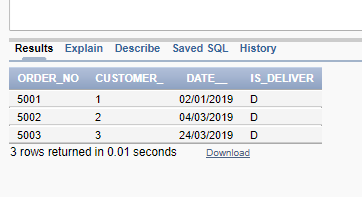
values ('5001','001','24/03/2019','D')

insert into ORDER\_\_

values ('5002','002','02/01/2019','D')

insert into ORDER\_\_

values ('5003','003','04/03/2019','D')



//Insert Order Details

insert into ORDER\_DETAILS\_

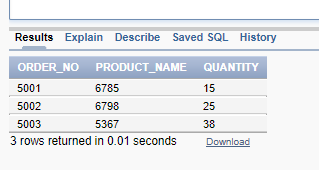
values ('5001','6785','15')

insert into ORDER\_DETAILS\_

values ('5002','6798','25')

insert into ORDER\_DETAILS\_

values ('5003','5367','38')



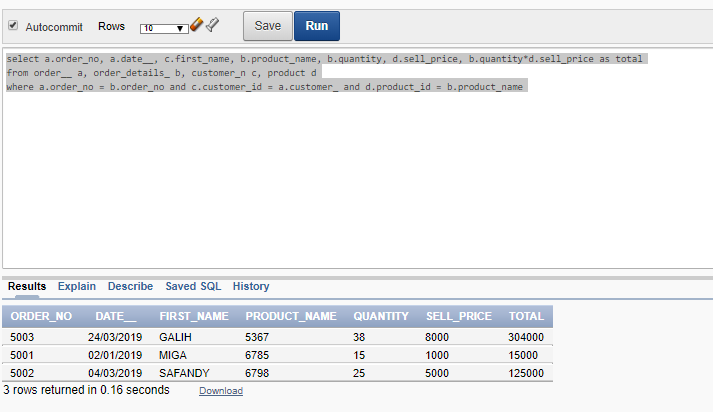
SQL SELECT TABLE

//jawaban no 6

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\_\_ a, order\_details\_ b, customer\_n c, product d

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



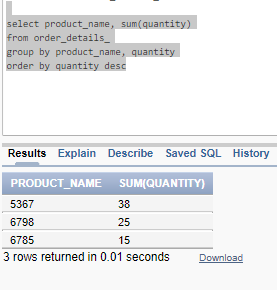
//jawaban no 7

select product\_name, sum(quantity)

from order\_details\_

group by product\_name, quantity

order by quantity desc



//jawaban no 8

