***Checkpoint data MANIPULATION language***

CREATE TABLE CUSTOMER (

Customer\_id VARCHAR2(20) CONSTRAINT pk\_customer PRIMARY KEY,

Customer\_Name VARCHAR2(20) CONSTRAINT notnull\_customer NOT NULL,

Customer\_Tel NUMBER

);

INSERT INTO CUSTOMER VALUES

(‘CO1’, ‘Ali’, ‘71321009’);

INSERT INTO CUSTOMER VALUES

(‘CO2’, ‘Asma’, ‘773458023’);

CREATE TABLE PRODUCT (

Product\_id VARCHAR(20) CONSTRAINT pk\_product PRIMARY KEY,

Product\_Name VARCHAR220) CONSTRAINT notnull\_product NOT NULL,

Category VARCHAR2(20),

Price NUMBER CONSTRAINT check\_price CHECK (price>=0)

);

INSERT INTO PRODUCT VALUES

(‘PO1’, ‘Samsung Galaxy S20’, ‘Smartphone’, 3299);

INSERT INTO PRODUCT VALUES

(‘PO2’, ‘Asus Notebook, ‘PC’, 4599);

CREATE TABLE ORDERS (

Customer \_id VARCHAR2(20),

Product\_id VARCHAR2(20),

OrderDate DATE CONSTRAINT Default\_Date DEFAULT SYSDATE;

Quantity NUMBER ,

Total\_Amount NUMBER ,

CONSTRAINT fk\_customer FOREIGN KEY (Customer \_id)

REFERENCES CUSTOMER (Customer \_id),

CONSTRAINT fk\_product FOREIGN KEY (Product \_id)

REFERENCES PRODUCT (Product \_id),

);

INSERT INTO PRODUCT VALUES

(‘CO1’, ‘PO2’, ‘Null’, 2, 9198);

INSERT INTO PRODUCT VALUES

(‘CO2’, ‘PO1’, ‘28/05/2020’, 1, 3299);