***Checkpoint data definition language***

**CUSTOMER TABLE CREATION:**

CREATE TABLE CUSTOMER (

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

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

Customer\_Tel NUMBER

);

**PRODUCT TABLE CREATION:**

CREATE TABLE PRODUCT (

Product\_id VARCHAR2(20) CONSTRAINT pk\_product PRIMARY KEY,

Product\_Name VARCHAR2(20)CONSTRAINT notnull\_product NOT NULL,

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

);

**ORDERS TABLE CEATION:**

CREATE TABLE ORDERS (

Customer \_id VARCHAR2(20),

Product\_id VARCHAR2(20),

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),

);

**Add a column Category (VARCHAR2 (20)) to the PRODUCT table.**

ALTER TABLE PRODUCT ADD Category VARCHAR2(20);

**Add a column OrderDate (DATE) to the ORDERS table, which have SYSDATE as a default value.**

ALTER TABLE ORDERS ADD OrderDate DATE CONSTRAINT Default\_Date DEFAULT SYSDATE;