***ORDER PROCESSING***

CREATE TABLE CUSTOMERS(CUST\_NO NUMBER(3),CNAME VARCHAR(10),CITY VARCHAR2(20),PRIMARY KEY(CUST\_NO));

CREATE TABLE ORDERS(ORDER\_NO NUMBER(3),O\_DATE DATE,CUST\_NO NUMBER(3),ORD\_AMT REAL,PRIMARY KEY(ORDER\_NO),FOREIGN KEY(CUST\_NO) REFERENCES CUSTOMERS);

CREATE TABLE ITEM(ITEM\_NO NUMBER(3),UNIT\_PRICE REAL,PRIMARY KEY(ITEM\_NO));

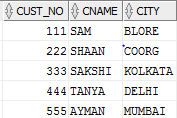
CREATE TABLE ORDER\_ITEM(ORDER\_NO NUMBER(3),ITEM\_NO NUMBER(3),QTY NUMBER(3),PRIMARY KEY(ORDER\_NO,ITEM\_NO),FOREIGN KEY(ORDER\_NO) REFERENCES ORDERS,FOREIGN KEY(ITEM\_NO) REFERENCES ITEM);

CREATE TABLE WAREHOUSE(WAREHOUSE\_NO NUMBER(3), CITY VARCHAR2(20),PRIMARY KEY(WAREHOUSE\_NO));

CREATE TABLE SHIPMENT(ORDER\_NO NUMBER(3),WAREHOUSE\_NO NUMBER(3),SHIP\_DATE DATE,FOREIGN KEY(ORDER\_NO) REFERENCES ORDERS,FOREIGN KEY(WAREHOUSE\_NO) REFERENCES WAREHOUSE);

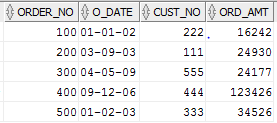
INSERT INTO CUSTOMERS VALUES(&CUST\_NO,'&CNAME','&CITY');

SELECT \* FROM CUSTOMERS;



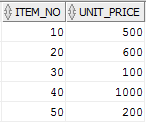
INSERT INTO ORDERS VALUES(&ORDER\_NO,'&O\_DATE',&CUST\_NO,&ORD\_AMT);

SELECT \* FROM ORDERS;



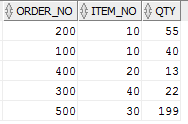
INSERT INTO ITEM VALUES(&ITEM\_NO,&UNIT\_PRICE);

SELECT \* FROM ITEM;



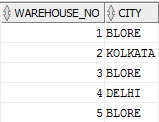
INSERT INTO ORDER\_ITEM VALUES(&OREDR\_NO,&ITEM\_NO,&QTY);

SELECT \* FROM ORDER\_ITEM;



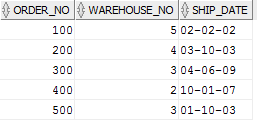
INSERT INTO WAREHOUSE VALUES(&WAREHOUSE\_NO,'&CITY');

SELECT \* FROM WAREHOUSE;



INSERT INTO SHIPMENT VALUES(&ORDER\_NO,&WAREHOUSE\_NO,'&SHIP\_DATE');

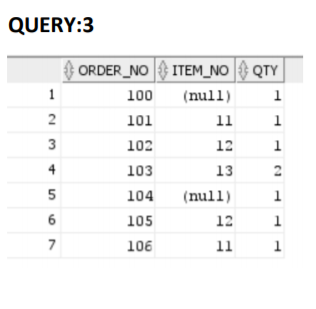
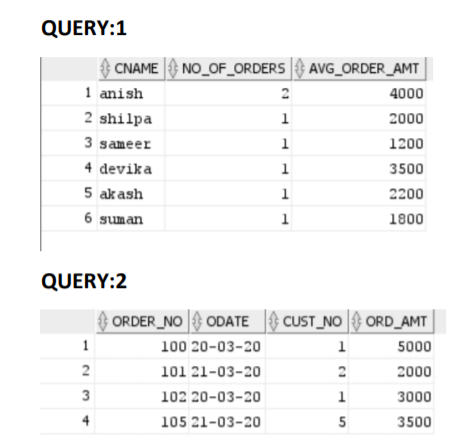
SELECT \* FROM SHIPMENT;



**SELECT C.CNAME, COUNT(\*) AS NO\_OF\_ORDERS, AVG(O.ORD\_AMT) AS AVG\_ORDER\_AMT FROM CUSTOMER C, ORDERS O WHERE (C.CUST\_NO = O.CUST\_NO) GROUP BY CNAME;**

**SELECT \* FROM ORDERS WHERE ORDER\_NO IN ( SELECT ORDER\_NO FROM SHIPMENT WHERE WAREHOUSE\_NO IN ( SELECT WAREHOUSE\_NO FROM WAREHOUSE WHERE CITY='BANGALORE'));**

**DELETE FROM ITEM WHERE ITEM\_NO = 10;**

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