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create database jwtd1
use jwtd1

CREATE TABLE SALESMAN
(SALESMAN_ID INT,
NAME VARCHAR(20),
CITY VARCHAR(20),
COMMISSION VARCHAR(20),
PRIMARY KEY (SALESMAN_ID));

CREATE TABLE CUSTOMER1
(CUSTOMER_ID INT,
CUST_NAME VARCHAR(20),
CITY VARCHAR(20),
GRADE INT,
PRIMARY KEY (CUSTOMER_ID),
SALESMAN_ID INT REFERENCES SALESMAN (SALESMAN_ID) ON DELETE SET NULL);

CREATE TABLE ORDERS
(ORD_NO INT,
PURCHASE_AMT INT,
ORD_DATE DATE,
PRIMARY KEY (ORD_NO),
CUSTOMER_ID INT REFERENCES CUSTOMER1 (CUSTOMER_ID) ON DELETE CASCADE,
SALESMAN_ID INT REFERENCES SALESMAN (SALESMAN_ID) ON DELETE CASCADE);

INSERT INTO SALESMAN VALUES (1000, 'ATHUL', 'BANGALORE', 25);
INSERT INTO SALESMAN VALUES (2000, 'RAVI', 'BANGALORE', 20 );
INSERT INTO SALESMAN VALUES (3000, 'KUMAR', 'MYSORE', 15 );
INSERT INTO SALESMAN VALUES (4000, 'SMITH', 'DELHI', 30 );
INSERT INTO SALESMAN VALUES (5000, 'HARSHA', 'HYDRABAD', 15);

INSERT INTO CUSTOMER1 VALUES (10, 'PREETHI', 'BANGALORE', 100, 1000);
INSERT INTO CUSTOMER1 VALUES (11, 'VIVEK', 'MANGALORE', 300, 1000);
INSERT INTO CUSTOMER1 VALUES (12, 'BHASKAR', 'CHENNAI', 400, 2000);
INSERT INTO CUSTOMER1 VALUES (13, 'CHETHAN', 'BANGALORE', 200, 2000);
INSERT INTO CUSTOMER1 VALUES (14, 'MAMATHA', 'BANGALORE', 400, 3000);

INSERT INTO ORDERS VALUES (50, 5000, '04-MAY-17', 10, 1000);
INSERT INTO ORDERS VALUES (51, 450, '20-JAN-17', 10, 2000);
INSERT INTO ORDERS VALUES (52, 1000, '24-FEB-17', 13, 2000);
INSERT INTO ORDERS VALUES (53, 3500, '13-APR-17', 14, 3000);
INSERT INTO ORDERS VALUES (54, 550, '09-MAR-17', 12, 2000);

SELECT * FROM SALESMAN;

SELECT * FROM CUSTOMER1;

SELECT * FROM ORDERS;

ALTER TABLE SALESMAN ADD JOB VARCHAR(12);

UPDATE SALESMAN
SET CITY = 'MANIPAL'
WHERE SALESMAN_ID=1000;

INSERT INTO ORDERS (ORD_NO,PURCHASE_AMT,ORD_DATE)VALUES(55,100, '08-APR-17'),(56,200, '04-MAR-17');

SELECT CUSTOMER_ID, COUNT (*), AVG (GRADE)
FROM CUSTOMER1 GROUP BY CUSTOMER_ID

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SELECT ORDERS.ORD_NO, CUSTOMER1.CUST_NAME, ORDERS.ORD_DATE  
FROM ORDERS  
INNER JOIN CUSTOMER1 ON ORDERS.CUSTOMER_ID=CUSTOMER1.CUSTOMER_ID;
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