-- Aggregate function MIN MAX SUM COUNT AVG

CREATE DATABASE prac\_8;

USE prac\_8;

CREATE TABLE Orders (

ORD\_NO INT,

PURCH\_AMT DECIMAL(10,2),

ORDER\_DATE DATE,

CUSTOMER\_ID INT,

SALESMAN\_ID INT

);

INSERT INTO Orders (ORD\_NO, PURCH\_AMT, ORDER\_DATE, CUSTOMER\_ID, SALESMAN\_ID) VALUES

(70012, 250.45, '2012-06-27', 3008, 5002),

(70009, 270.65, '2012-09-10', 3001, 5005),

(70001, 150.50, '2012-10-05', 3005, 5002),

(70002, 65.26, '2012-10-05', 3002, 5001),

(70004, 110.50, '2012-08-17', 3009, 5003),

(70007, 948.50, '2012-09-10', 3005, 5002),

(70008, 5760.00, '2012-09-10', 3002, 5001),

(70005, 2400.60, '2012-07-27', 3007, 5001),

(70010, 1983.43, '2012-10-10', 3004, 5006),

(70003, 2480.40, '2012-10-10', 3009, 5003),

(70011, 75.29, '2012-08-17', 3003, 5007),

(70013, 3045.60, '2012-04-25', 3002, 5001);

-- 1

SELECT CUSTOMER\_ID,SUM(PURCH\_AMT) from Orders group by Customer\_ID;

-- 2

SELECT ORDER\_DATE,MAX(PURCH\_AMT) from Orders group by ORDER\_DATE;

-- 3

SELECT SALESMAN\_ID,MAX(PURCH\_AMT) from Orders WHERE ORDER\_DATE='2012-08-17' group by SALESMAN\_ID LIMIT 1;

-- 4

SELECT CUSTOMER\_ID,ORDER\_DATE,MAX(PURCH\_AMT) from Orders GROUP BY ORDER\_DATE;

select CUSTOMER\_ID,ORDER\_DATE, MAX(PURCH\_AMT) from orders where PURCH\_AMT>2000 group by CUSTOMER\_ID,ORDER\_DATE;

-- 5

select CUSTOMER\_ID,ORDER\_DATE,max(PURCH\_AMT) from Orders where PURCH\_AMT between 2000 and 6000 group by CUSTOMER\_ID,ORDER\_DATE;

-- 6

select CUSTOMER\_ID,ORDER\_DATE,max(PURCH\_AMT)from Orders where PURCH\_AMT IN(2000,3000,5760,6000)group by CUSTOMER\_ID,ORDER\_DATE;

-- 7

select CUSTOMER\_ID,max(PURCH\_AMT) from Orders where CUSTOMER\_ID between 3002 and 3007 group by CUSTOMER\_ID;

-- 8

select SALESMAN\_ID,max(PURCH\_AMT) from Orders where SALESMAN\_ID between 5003 and 5008 group by SALESMAN\_ID;

-- 9

select SALESMAN\_ID,min(PURCH\_AMT) from Orders where SALESMAN\_ID between 5003 and 5008 group by SALESMAN\_ID;

-- 10

select SALESMAN\_ID,count(\*) from Orders group by SALESMAN\_ID;