

ASSIGN-2

ord_no	purch_amt	ord_date	customer_id	salesman_id
70001	150.5	05-10-2012	3005	5002
70009	270.65	10-09-2012	3001	5005
70002	65.26	05-10-2012	3002	5001
70004	110.5	17-08-2012	3009	5003
70007	948.5	10-09-2012	3005	5002
70005	2400.6	27-07-2012	3007	5001
70008	5760	10-09-2012	3002	5001
70010	1983.43	10-10-2012	3004	5006
70003	2480.4	10-10-2012	3009	5003
70012	250.45	27-06-2012	3008	5002
70011	75.29	17-08-2012	3003	5007
70013	3045.6	25-04-2012	3002	5001

```
create database assign_2;
```

```
use assign_2;
```

```
create table orders(
```

```
    ord_no INT PRIMARY KEY,  
    purch_amt DECIMAL(10, 2),  
    ord_date DATE,  
    customer_id INT,  
    salesman_id INT
```

```
);
```

```
INSERT INTO orders (ord_no, purch_amt, ord_date, customer_id, salesman_id)
```

VALUES

```
(70001, 150.50, '2012-10-05', 3005, 5002),  
(70009, 270.65, '2012-09-10', 3001, 5005),  
(70002, 65.26, '2012-10-05', 3002, 5001),  
(70004, 110.50, '2012-08-17', 3009, 5003),  
(70007, 948.50, '2012-10-09', 3005, 5002),  
(70005, 2400.60, '2012-07-27', 3007, 5001),  
(70008, 5760.00, '2012-09-10', 3002, 5001),  
(70010, 1983.43, '2012-10-10', 3004, 5006),  
(70003, 2480.40, '2012-10-10', 3009, 5003),  
(70012, 250.45, '2012-06-27', 3008, 5002),  
(70011, 75.29, '2012-08-17', 3003, 5007),  
(70013, 3045.60, '2012-04-25', 3002, 5001);
```

```
select * from orders;
```

--write a SQL query to calculate total purchase amount of all orders.

--Return total purchase amountWrite a query to display details of employs who are not getting commission?

```
select sum(purch_amt) as total_purch_amt from orders;
```

--b

```
select avg(purch_amt) as avg_purch_amt from orders;
```

--c

```
select count(distinct salesman_id) as unq_sales from orders;
```

--d

```
select max(purch_amt) as max_purch from orders;
```

--e

```
select min(purch_amt) as min_purch from orders;
```

--f

```
select customer_id,max(purch_amt) as max_purch_amt from orders group by  
customer_id;
```

--g. write a SQL query to find the highest purchase amount ordered by each customer on a particular date.

--Return, order date and highest purchase amount.

```
select ord_date,customer_id,max(purch_amt) as max_purch_amt_ from orders  
group by ord_date,customer_id;
```

--h

```
select salesman_id,max(purch_amt) as max_amt from orders where
```

```
ord_date='2012-08-17' group by salesman_id;
--i
select customer_id,ord_date,max(purch_amt) as max_amt_group_ from orders
group by customer_id,ord_date having max(purch_amt)>2000.00;
--j
select ord_date,salesman_id,count(ord_no) as total_num from orders group by
ord_date,salesman_id;
```