**Table Name: orders**

use db;

create table orders(ord\_no int primary key ,purch\_amt float not null ,ord\_date varchar (10) not null,customer\_id int not null,salesman\_id int not null);

insert into orders values(70001,150.5,'2012-10-05',3005,5002);

insert into orders values(70009,270.65,'2012-09-10',3001,5005);

insert into orders values(70002,65.26,'2012-10-05',3002,5001);

insert into orders values(70004,110.5,'2012-08-17',3009,5003);

insert into orders values(70007,948.5,'2012-09-10',3005,5002);

insert into orders values(70005,2400.6,'2012-07-27',3007,5001);

insert into orders values(70008,5760,'2012-09-10',3002,5001);

insert into orders values(70010,1983.43,'2012-10-10',3004,5006);

insert into orders values(70003,2480.4,'2012-10-10',3009,5003);

insert into orders values(70012,250.45,'2012-06-27',3008,5002);

insert into orders values(70011,75.29,'2012-08-17',3003,5007);

insert into orders values(70013,3045.6,'2012-04-25',3002,5001);

select \* from orders;

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

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1. use db;

select sum(purch\_amt) as total

from orders;

2. use db;

select avg(purch\_amt) as avgtotal

from orders;

3. use db;

select count(salesman\_id) as cntsm ,salesman\_id

from orders

group by salesman\_id;

4. use db;

select max(purch\_amt) as max\_amt

from orders;

5. use db;

select min(purch\_amt) as min

from orders;

6. use db;

select max(purch\_amt) ,customer\_id

from orders

group by customer\_id ;

7. use db;

select max(purch\_amt) as max\_amt,ord\_date

from orders

group by ord\_date ;

8. use db;

select max(purch\_amt) as max\_amt,salesman\_id

from orders

where ord\_date='2012-08-17'

group by salesman\_id ;

9. use db;

SELECT customer\_id,ord\_date, MAX(purch\_amt) AS max\_purchase\_amount

FROM orders

GROUP BY customer\_id, ord\_date

HAVING max\_purchase\_amount > 2000.00;

10. SELECT customer\_id,ord\_date, MAX(purch\_amt) AS max\_purchase\_amount

FROM orders

GROUP BY customer\_id, ord\_date

HAVING max\_purchase\_amount between 2000 and 6000;

11. use db;

SELECT customer\_id,ord\_date, MAX(purch\_amt) AS max\_purchase\_amount

FROM orders

GROUP BY customer\_id, ord\_date

HAVING max\_purchase\_amount in (2000,3000,5760,6000);

12. use db;

select max(purch\_amt) as max\_purchase,customer\_id

from orders

group by customer\_id

having customer\_id between 3002 and 3007;

13use db;

select max(purch\_amt) max\_amt,customer\_id

from orders

where customer\_id in (3002 ,3007) and purch\_amt>1000

group by customer\_id;

14. use db;

select max(purch\_amt) max\_amt,salesman\_id

from orders

where salesman\_id between 5003 AND 5008

group by salesman\_id;

15. use db;

select count(ord\_no),ord\_date

from orders

where ord\_date='2012-08-17';

16. SELECT ord\_date, salesman\_id, COUNT(\*) AS order\_count

FROM orders

GROUP BY ord\_date,salesman\_id;

17. use db;

24. use db;

select distinct count(ord\_no) as orders ,max(purch\_amt) amt,customer\_id

from orders

group by customer\_id

order by customer\_id desc;

25. use db;

SELECT ord\_date, SUM(purch\_amt) AS total,SUM(purch\_amt \* 0.15) AS commission

FROM orders

GROUP BY ord\_date

ORDER BY ord\_date;

select ord\_date,salesman\_id,ord\_no,purch\_amt from orders

order by ord\_date;

18. use db;

select distinct salesman\_id from orders

order by salesman\_id;

19. use db;

select ord\_no,ord\_date,purch\_amt

from orders

where salesman\_id = 5001;

20. use db;

select \*

from orders

order by ord\_no;

21. use db;

select \*

from orders

order by ord\_date desc;

22. use db;

select \*

from orders

order by ord\_date desc,purch\_amt desc;

23 use db;

select max(purch\_amt) as max\_amt,salesman\_id,ord\_date

from orders

group by salesman\_id,ord\_date

order by salesman\_id asc,ord\_date asc;