

SQL EXE-1

- 1) SELECT onum,amount,odate from orders;
- 2) SELECT * from customer WHERE snum=1001;
- 3) SELECT city,sname,snum,commission from salesman;
- 4) SELECT DISTINCT snum from orders;
- 5) SELECT * from orders where AMOUNT >1000;
- 6) SELECT sname,city from salesman where city='london' and commission>10;
- 7) SELECT * FROM customer WHERE NOT CITY='rome' or NOT rating<=100;
- 8) SELECT * FROM orders WHERE amount>1000 and not (snum=1006 and odate='10/03/99');
- 9) (i) SELECT * FROM orders WHERE ODATE='10/03/99' or ODATE='10/04/99' or ODATE='10/06/99';
(ii) SELECT * FROM orders WHERE NOT ODATE='10/05/99';
- 10) SELECT * FROM customer WHERE cname LIKE 'c%';
- 11) (i) SELECT * FROM Customer WHERE cname LIKE 'a%'<=>'g%';
(ii) SELECT * FROM Customer WHERE cname>'a' or cname<'g';
- 12) SELECT * FROM orders WHERE amount=0 or AMOUNT='null';
- 13) SELECT max(amount) from orders where snum=1002 or snum=1007 GROUP by snum order by AMOUNT
DESC;
- 14) SELECT AVG(AMOUNT),SUM(AMOUNT) FROM orders;
- 15) SELECT COUNT(DISTINCT(snum)) FROM orders;
- 16) SELECT max(amount) , snum , odate from orders group by snum,odate;
- 17) SELECT MIN(amount),CNUM from orders group by CNUM;
- 18) SELECT * FROM customer WHERE CNAME LIKE 'G%' ORDER BY CNAME;
- 19) SELECT CONCAT("There are " , "" ,COUNT(ONUM)," " , " orders on " , "" ,ODATE,"") FROM orders GROUP BY
ODATE;
- 20) SELECT onum , snum , amount , (amount*0.12) "Amount of Commission" from orders;
- 21) SELECT * from customer order by rating desc;
- 22) SELECT cname,sname FROM customer left join salesman on customer.snum=salesman.snum;
- 23) SELECT o.*,c.cname,s.sname FROM orders o JOIN customer c ON o.cnum=c.cnum join salesman s on
c.snum=s.snum;

24) (i) SELECT o.*,c.city 'CUSTOMER CITY',s.city 'SALESMAN CITY' FROM orders o join customer c on
o.cnum=c.cnum join salesman s on c.snum=s.snum and c.city!=s.city;

(ii) SELECT o.*,c.city 'CUSTOMER CITY',s.city 'SALESMAN CITY' FROM orders o join customer c join
salesman s on o.cnum=c.cnum and c.snum=s.snum and c.city!=s.city;

25) SELECT c.*,s.commission from customer c JOIN salesman s on c.snum=s.snum where
commission>12;

26) SELECT c.cname , c1.cname from customer c join customer c1 on c.rating=c1.rating and c.cnum >
c1.cnum;

27) SELECT * from customer where snum in (select snum city from salesman where sname='NIRAJ') or
city in (SELECT city from salesman WHERE sname='NIRAJ');

28) SELECT s.sname,s.city,s1.sname,s1.city from salesman s join salesman s1 where s.city = s1.city and
s.snum > s1.snum;

29) SELECT cname,city FROM customer WHERE rating in (SELECT rating from customer WHERE
cname='HARDIK');

30) SELECT * FROM orders WHERE snum in (SELECT snum from salesman WHERE sname='MITI');

31) SELECT * from orders WHERE snum in(SELECT snum from customer WHERE cname='HARDIK');

32) SELECT * from orders where amount > (SELECT avg(amount) FROM `orders` WHERE
odate='10/04/99');

33) (i) SELECT COUNT(cname) from customer WHERE rating >(SELECT avg(rating) from customer WHERE
city='SURAT');

(ii) SELECT COUNT(cnum) from customer WHERE rating >(SELECT avg(rating) from customer WHERE
city='SURAT');

34) SELECT c.cname,c.cnum from customer c WHERE rating = (SELECT max(rating) from customer c1
WHERE c.city=c1.city);

35) SELECT * from customer WHERE rating > any(SELECT rating from customer WHERE city='ROME');

36) SELECT * from customer WHERE rating > all(SELECT rating from customer WHERE city='ROME');

37) SELECT * from customer WHERE not rating = any(SELECT rating from customer WHERE city='SURAT');

38) SELECT cname,city,concat(rating," ","HIGH RATING") as rating from customer WHERE rating>=200
UNION SELECT cname,city,concat(rating," ","LOW RATING") as rating from customer WHERE
rating<200;

39) INSERT into salesman(snum,sname,city,commission) VALUES('1008','RAKESH','UNKNOWN','14%');

40) INSERT into customer(city,cname,cnum) VALUES('LONDON','PRATIK','2008');

41) CREATE TABLE LondonStaff

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(  
    snum int,  
    sname varchar(50),  
    city varchar(50),  
    commission int  
)
```

42) INSERT into londonstaff(snum,sname,city,commission) SELECT * from salesman WHERE
city='LONDON';

43) CREATE TABLE daytotal AS SELECT odate 'DATE',amount 'TOTAL' FROM orders;

44) DELETE from orders WHERE cnum in(SELECT cnum from customer WHERE cname='CHANDU');

45) UPDATE customer set rating=rating+100 WHERE city='ROME';

46) UPDATE salesman set commission=commission*2 WHERE city='LONDON';

47) DELETE from salesman WHERE snum in (SELECT snum from orders WHERE amount in (SELECT
min(amount) from orders GROUP BY odate));

48) DELETE from customer WHERE not cnum in (SELECT cnum from orders WHERE odate in (SELECT
max(odate) from orders));

49) For Add column =====> ALTER TABLE orders ADD item_name varchar(250);

For Deleting column =====> ALTER TABLE orders DROP COLUMN item_name;

50)

51) CREATE VIEW Big_orders AS SELECT * FROM orders WHERE amount>4000;

52) CREATE VIEW high_rating AS SELECT * from customer WHERE rating in(SELECT max(rating) from
customer);

53) CREATE VIEW count_saleman AS SELECT count(snum),city from salesman GROUP BY city;

54) CREATE VIEW avg_total AS SELECT s.sname,o.snum,avg(amount),count(onum) from orders o join
salesman s on o.snum=s.snum GROUP by s.sname,o.snum;

55) CREATE VIEW show_name as SELECT o.onum,o.amount,s.sname,c.cname from orders o join
salesman s join customer c on o.snum=s.snum and o.cnum=c.cnum;