Name : Patel anuj
E.no.: 20012011077
Class: CE-3AB2

PRACTICAL: 5

TABLE: **SALESMEN**

Column Name	Data Type	Size	Attributes
SNUM	Varchar2	6	Primary key/first letter must start with 'S'
SNAME	Varchar2	20	Not null
CITY	Varchar2	15	
COMM	Number	5,2	

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	0.12
S1002	Niraj	San jose	0.13
S1003	Miti	London	0.11
S1004	Rajesh	Barcelona	0.15
S1005	Haresh	New york	0.10
S1006	Ram	Bombay	0.10
S1007	Nehal	Delhi	0.09

create table salesmen(snum varchar2(6) primary key check(snum like'S%'), sname varchar2(20) not null, city varchar2(15), comm number(5,2)) insert into salesmen values('S1001','Piyush','London',0.12) insert into salesmen values('S1002','Niraj','San jose',0.13) insert into salesmen values('S1003','Miti','London',0.11) insert into salesmen values('S1004','Rajesh','Barcelona',0.15) insert into salesmen values('S1005','Haresh','New york',0.10) insert into salesmen values('S1006','Ram','Bombay',0.10) insert into salesmen values('S1007','Nehal','Delhi',0.09) select *from salesmen

```
create table salesmen(snum varchar2(6) primary key check(snum like'S%'), sname varchar2(20) not null, city varchar2(15),
comm number(5,2))
```

Results Explain Describe Saved SQL History

Table created.

0.03 seconds

```
insert into salesmen values('S1001','Piyush','London',0.12)
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

0.00 seconds

```
insert into salesmen values('S1002','Niraj','San jose',0.13)
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

0.00 seconds

```
insert into salesmen values('S1003','Miti','London',0.11)
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into salesmen values('S1003','Miti','London',0.11)
insert into salesmen values('S1004','Rajesh','Barcelona',0.15)
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into salesmen values('S1005','Haresh','New york',0.10)
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into salesmen values('S1006','Ram','Bombay',0.10)
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into salesmen values('S1007','Nehal','Delhi',0.09)
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
select *from salesmen
```

Results Explain Describe Saved SQL History

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	.12
S1002	Niraj	San jose	.13
S1003	Miti	London	.11
S1004	Rajesh	Barcelona	.15
S1005	Haresh	New york	.1
S1006	Ram	Bombay	.1
S1007	Nehal	Delhi	.09

7 rows returned in 0.02 seconds CSV Export

TABLE: **CUSTOMER**

Column Name	Data Type	Size	Attributes
CNUM	Varchar2	6	Primary key/first letter must start with 'C'
CNAME	Varchar2	20	Not null
CITY	Varchar2	15	
RATING	Number	5	
SNUM	Varchar2	6	

CNUM	CNAME	CITY	RATING	SNUM
C2001	Hardik	London	100	S1001
C2002	Geeta	Rome	200	S1003
C2003	Kavish	San jose	200	S1002
C2004	Dhruv	Berlin	300	S1002
C2005	Pratham	London	100	S1001
C2006	Vyomesh	San jose	300	S1007
C2007	Kirit	Rome	100	S1004

create table customer(cnum varchar2(6) primary key check(cnum like'C%'), cname varchar2(20) not null, city varchar2(15), rating number(5), snum varchar2(6)) insert into customer values('C2001','Hardik','London',100,'S1001') insert into customer values('C2002','Geeta','Rome',200,'S1003') insert into customer values('C2003','Kavish','San jose',200,'S1002') insert into customer values('C2004','Dhruv','Berlin',300,'S1002')

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insert into customer values('C2005','Pratham','London',100,'S1001') insert into customer values('C2006','Vyomesh','San jose',300,'S1007') insert into customer values('C2007','Kirit','Rome',100,'S1004') select *from customer

```
create table customer(cnum varchar2(6) primary key check(cnum like'C%'), cname varchar2(20) not null,
city varchar2(15),  rating number(5), snum varchar2(6))
```

Results Explain Describe Saved SQL History

Table created.

```
insert into customer values('C2001','Hardik','London',100,'S1001')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into customer values('C2002','Geeta','Rome',200,'S1003')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into customer values('C2003','Kavish','San jose',200,'S1002')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into customer values('C2004','Dhruv','Berlin',300,'S1002')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into customer values('C2005','Pratham','London',100,'S1001')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into customer values('C2006','Vyomesh','San jose',300,'S1007')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into customer values('C2007','Kirit','Rome',100,'S1004')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
select *from customer
```

Results | Explain | Describe | Saved SQL | History

CNUM	CNAME	CITY	RATING	SNUM
C2001	Hardik	London	100	S1001
C2002	Geeta	Rome	200	S1003
C2003	Kavish	San jose	200	S1002
C2004	Dhruv	Berlin	300	S1002
C2005	Pratham	London	100	S1001
C2006	Vyomesh	San jose	300	S1007
C2007	Kirit	Rome	100	S1004

7 rows returned in 0.02 seconds CSV Export

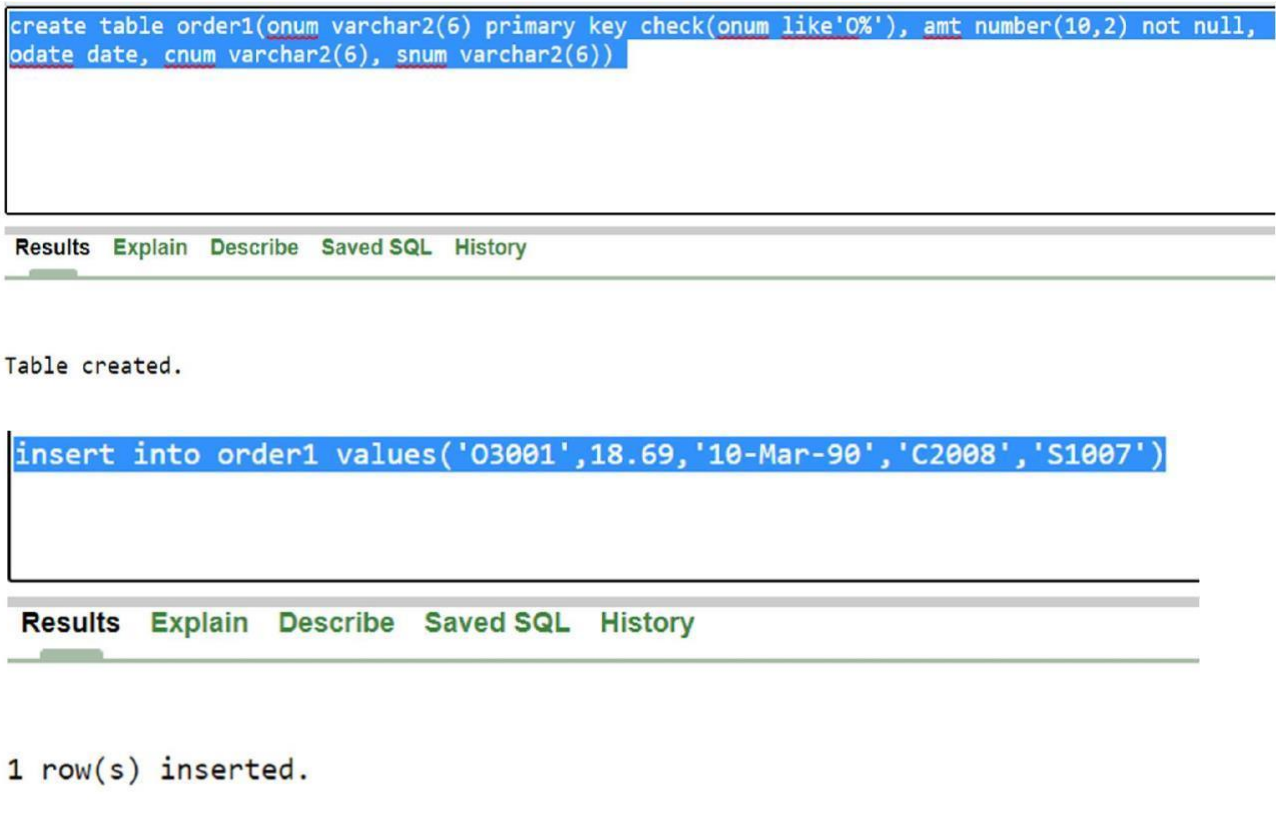
TABLE: **ORDER**

Column Name	Data Type	Size	Attributes
ONUM	Varchar2	6	Primary key/first letter must start with 'O'
AMT	Number	10,2	Not null
ODATE	Date		
CNUM	Varchar2	6	
SNUM	Varchar2	6	

ONUM	AMT	ODATE	CNUM	SNUM
O3001	18.69	10-Mar-90	C2008	S1007
O3003	767.19	10-Mar-90	C2001	S1001
O3002	1900.10	03-Oct-90	C2007	S1004
O3005	5160.45	04-Oct-90	C2003	S1002
O3006	1098.16	10-Mar_90	C2008	S1007
O3009	1713.23	10-April-90	C2002	S1003
O3007	75.75	10-April-90	C2004	S1002
O3008	4723.00	10-May-90	C2006	S1001
O3010	1309.95	10-May-90	C2004	S1002

O3011	9891.88	10-June-90	C2006	S1001

create table order1(onum varchar2(6) primary key check(onum like'O%'), amt number(10,2) not null, odate date, cnum varchar2(6), snum varchar2(6))
insert into order1 values('O3001',18.69,'10-Mar-90','C2008','S1007') insert into order1 values('O3003',767.19,'10-Mar-90','C2001','S1001') insert into order1 values('O3002',1900.10,'03-Oct-90','C2007','S1004') insert into order1 values('O3005',5160.45,'04-Oct-90','C2003','S1002') insert into order1 values('O3006',1098.16,'10-Mar-90','C2008','S1007') insert into order1 values('O3009',1713.23,'10-April-90','C2002','S1003') insert into order1 values('O3007',75.75,'10-April-90','C2004','S1002') insert into order1 values('O3008',4723.00,'10-May-90','C2006','S1001') insert into order1 values('O3010',1309.95,'10-May-90','C2004','S1002') insert into order1 values('O3011',9891.88,'10-June-90','C2006','S1001') select *from order1



```
insert into order1 values('O3003',767.19,'10-Mar-90','C2001','S1001')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3002',1900.10,'03-Oct-90','C2007','S1004')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3005',5160.45,'04-Oct-90','C2003','S1002')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3006',1098.16,'10-Mar-90','C2008','S1007')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3009',1713.23,'10-April-90','C2002','S1003')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3007',75.75,'10-April-90','C2004','S1002')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3008',4723.00,'10-May-90','C2006','S1001')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3010',1309.95,'10-May-90','C2004','S1002')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
insert into order1 values('O3011',9891.88,'10-June-90','C2006','S1001')
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

```
select *from order1
```

Results | Explain | Describe | Saved SQL | History

ONUM	AMT	ODATE	CNUM	SNUM
O3001	18.69	10-MAR-90	C2008	S1007
O3003	767.19	10-MAR-90	C2001	S1001
O3002	1900.1	03-OCT-90	C2007	S1004
O3005	5160.45	04-OCT-90	C2003	S1002
O3006	1098.16	10-MAR-90	C2008	S1007
O3009	1713.23	10-APR-90	C2002	S1003
O3007	75.75	10-APR-90	C2004	S1002
O3008	4723	10-MAY-90	C2006	S1001
O3010	1309.95	10-MAY-90	C2004	S1002
O3011	9891.88	10-JUN-90	C2006	S1001

10 rows returned in 0.51 seconds CSV Export

Perform following queries. 1.Write a select command that produces the rating followed by the name of each customer in SAN JOSE. select rating,cname from customer where city='San jose'

```
select rating,cname from customer where city='San jose'
```

Results | Explain | Describe | Saved SQL | History

RATING	CNAME
200	Kavish
300	Vyomesh

2 rows returned in 0.02 seconds CSV Export

2. **Display SNUM values of all salesmen without any repeat.** select distinct snum from salesmen

```
select distinct snum from salesmen

select *from salesmen where city in('Barcelona','London')
```

Results | Explain | Describe | Saved SQL | History

SNUM
S1001
S1002
S1003
S1006
S1007
S1004
S1005

7 rows returned in 0.00 seconds CSV Export

3. **Display all salesmen that were located in either BARCELONA or LONDON(use IN keyword).**

select *from salesmen where city in('Barcelona','London')

```
select *from salesmen where city in('Barcelona','London')
```

Results | Explain | Describe | Saved SQL | History

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	.12
S1003	Miti	London	.11
S1004	Rajesh	Barcelona	.15

3 rows returned in 0.64 seconds CSV Export

4. **Display all salesmen with commission between 0.10 and 0.12.** select *from salesmen where comm between 0.10 and 0.12

```
select *from salesmen where comm between 0.10 and 0.12
```

Results | Explain | Describe | Saved SQL | History

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	.12
S1003	Miti	London	.11
S1005	Haresh	New york	.1
S1006	Ram	Bombay	.1

4 rows returned in 0.00 seconds CSV Export

5. **List all the customers whose name's third latter is 'R'.** select *from customer where cname like '__r%'

```
select *from customer where cname like '__r%'
```

Results | Explain | Describe | Saved SQL | History

CNUM	CNAME	CITY	RATING	SNUM
C2001	Hardik	London	100	S1001
C2004	Dhruv	Berlin	300	S1002
C2007	Kirit	Rome	100	S1004

3 rows returned in 0.19 seconds CSV Export

6. **List all salesmen whose sname start with letter 'P' and end letter is 'H'.** select *from salesmen where sname like 'P%' and sname like '%h'

```
select *from salesmen where sname like 'P%' and sname like '%h'
```

Results | Explain | Describe | Saved SQL | History

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	.12

1 rows returned in 0.28 seconds CSV Export

7. **Find all records in customer table with NULL values in the city column.**
   select *from customer where city = Null

```
select *from customer where city = Null
```

Results Explain Describe Saved SQL History

no data found

8. **Write a two queries that will produce all orders taken on October 3rd or 4th ,1990 (Use BETWEEN operator)** select *from order1 where odate between '03-Oct-90' and '04-Oct-90'

```
select *from order1 where odate between '03-Oct-90' and '04-Oct-90'
```

Results Explain Describe Saved SQL History

ONUM	AMT	ODATE	CNUM	SNUM
O3002	1900.1	03-OCT-90	C2007	S1004
O3005	5160.45	04-OCT-90	C2003	S1002

2 rows returned in 0.02 seconds CSV Export

9. **Write a query that selects all orders without ZEROS or NULLS in amt field..**

select *from order1 where amt! = 0 or amt! = Null

```
select *from order1 where amt! = 0 or amt! = Null
```

Results Explain Describe Saved SQL History

ONUM	AMT	ODATE	CNUM	SNUM
O3001	18.69	10-MAR-90	C2008	S1007
O3003	767.19	10-MAR-90	C2001	S1001
O3002	1900.1	03-OCT-90	C2007	S1004
O3005	5160.45	04-OCT-90	C2003	S1002
O3006	1098.16	10-MAR-90	C2008	S1007
O3009	1713.23	10-APR-90	C2002	S1003
O3007	75.75	10-APR-90	C2004	S1002
O3008	4723	10-MAY-90	C2006	S1001
O3010	1309.95	10-MAY-90	C2004	S1002
O3011	9891.88	10-JUN-90	C2006	S1001

10 rows returned in 0.00 seconds CSV Export

10. To count the numbers of salesmen without duplication in the orders tables.

select count(distinct snum)from order1

```
select count(distinct snum)from order1
```

Results Explain Describe Saved SQL History

COUNT(DISTINCTSNUM)
5

1 rows returned in 0.05 seconds CSV Export

11. Count the rating of customers (with NULL and without NULL).

select count(rating) from customer where rating=null and rating!=null

```
select count(rating) from customer where rating=null and rating!=null
```

Results Explain Describe Saved SQL History

COUNT(RATING)
0

1 rows returned in 0.05 seconds CSV Export

12. Find the largest order taken by each salesperson.(hint: use group by)

select snum, max(amt) from order1 group by snum

```
select snum, max(amt) from order1 group by snum
```

Results Explain Describe Saved SQL History

SNUM	MAX(AMT)
S1007	1098.16
S1001	9891.88
S1002	5160.45
S1003	1713.23
S1004	1900.1

5 rows returned in 0.00 seconds CSV Export

13. Find the largest order taken by each salesperson on each date. select snum, odate, max(amt) from order1 group by snum, odate

```
select snum, odate, max(amt) from order1 group by snum, odate
```

Results Explain Describe Saved SQL History

SNUM	ODATE	MAX(AMT)
S1004	03-OCT-90	1900.1
S1002	10-MAY-90	1309.95
S1007	10-MAR-90	1098.16
S1002	10-APR-90	75.75
S1002	04-OCT-90	5160.45
S1001	10-JUN-90	9891.88
S1001	10-MAR-90	767.19
S1003	10-APR-90	1713.23
S1001	10-MAY-90	4723

9 rows returned in 0.00 seconds CSV Export

14. Find out which day had the higher total amount ordered. select odate, max(amt)M from order1 group by odate order by M desc

```
select odate, max(amt)M from order1 group by odate order by M desc
```

Results Explain Describe Saved SQL History

ODATE	M
10-JUN-90	9891.88
04-OCT-90	5160.45
10-MAY-90	4723
03-OCT-90	1900.1
10-APR-90	1713.23
10-MAR-90	1098.16

6 rows returned in 0.01 seconds CSV Export

15. Write a query that counts the number of different non-NULL city in the customer table.

select count(distinct city) from customer where city is not null

```
select count(distinct city) from customer where city is not null
```

Results Explain Describe Saved SQL History

COUNT(DISTINCTCITY)
4

1 rows returned in 0.07 seconds CSV Export

16. Display all the information in descending orders(use column CNUM).

select *from customer order by cnum desc

```
select *from customer order by cnum desc
```

Results Explain Describe Saved SQL History

CNUM	CNAME	CITY	RATING	SNUM
C2007	Kirit	Rome	100	S1004
C2006	Vyomesh	San jose	300	S1007
C2005	Pratham	London	100	S1001
C2004	Dhruv	Berlin	300	S1002
C2003	Kavish	San jose	200	S1002
C2002	Geeta	Rome	200	S1003
C2001	Hardik	London	100	S1001

7 rows returned in 0.02 seconds CSV Export

17. Display sname and comm. From salesmen in descending order(in place of column name use column number).

select sname, comm from salesmen order by 2 desc

```
select sname, comm from salesmen order by 2 desc
```

Results Explain Describe Saved SQL History

SNAME	COMM
Rajesh	.15
Niraj	.13
Piyush	.12
Miti	.11
Haresh	.1
Ram	.1
Nehal	.09

7 rows returned in 0.11 seconds CSV Export

18. Assume each salesperson has a 0.12 commission. Write a query on the orders table that will produce the order number,the salesperson number and the amount of the salesperson's commission for that order. select onum, snum, amt*0.12 from order1

```
select onum, snum, amt*0.12 from order1
```

Results Explain Describe Saved SQL History

ONUM	SNUM	AMT*0.12
O3001	S1007	2.2428
O3003	S1001	92.0628
O3002	S1004	228.012
O3005	S1002	619.254
O3006	S1007	131.7792
O3009	S1003	205.5876
O3007	S1002	9.09
O3008	S1001	566.76
O3010	S1002	157.194
O3011	S1001	1187.0256

10 rows returned in 0.02 seconds CSV Export

19. Write a query on the customers table that will find the highest rating in each city. Put the output in this form. For the city (city) , the highest rating is: (rating).

select city "For the city", max(rating)"the highest rating is:" from customer group by city

```
select *from london_staff
```

Results Explain Describe Saved SQL History

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	.12
S1002	Niraj	San jose	.13
S1003	Miti	London	.11
S1004	Rajesh	Barcelona	.15
S1005	Haresh	New york	.1
S1006	Ram	Bombay	.1
S1007	Nehal	Delhi	.09

7 rows returned in 0.02 seconds CSV Export

20. Write a query that totals the orders for each day and places the results in descending order.

select count(onum)C, odate from order1 group by odate order by C desc

```
select count(onum)C, odate from order1 group by odate order by C desc
```

Results Explain Describe Saved SQL History

C	ODATE
3	10-MAR-90
2	10-APR-90
2	10-MAY-90
1	03-OCT-90
1	10-JUN-90
1	04-OCT-90

6 rows returned in 0.02 seconds CSV Export

21. Show the names of all customers matched with the salesmen serving them.

select cname, sname from customer, salesmen where customer.snum = salesmen.snum

```
select cname, sname from customer, salesmen where customer.snum = salesmen.snum
```

Results Explain Describe Saved SQL History

CNAME	SNAME
Pratham	Piyush
Hardik	Piyush
Dhruv	Niraj
Kavish	Niraj
Geeta	Miti
Kirit	Rajesh
Vyomesh	Nehal

7 rows returned in 1.19 seconds CSV Export

22. Write a query that lists each order number followed by the name of the customer who made the order. select onum, cname from order1, customer where customer.cnum = order1.cnum

```
select onum, cname from order1, customer where customer.cnum = order1.cnum
```

Results Explain Describe Saved SQL History

ONUM	CNAME
O3003	Hardik
O3002	Kirit
O3005	Kavish
O3009	Geeta
O3007	Dhruv
O3008	Vyomesh
O3010	Dhruv
O3011	Vyomesh

8 rows returned in 0.03 seconds CSV Export

23. Write a query that gives the names of both the salesperson and the customer for each order after the order number. select onum, sname, cname from order1, salesmen, customer where order1.snum = salesmen.snum and order1.cnum = customer.cnum

```
select onum, sname, cname from order1, salesmen, customer where order1.snum = salesmen.snum and
order1.cnum = customer.cnum
```

Results Explain Describe Saved SQL History

ONUM	SNAME	CNAME
O3011	Piyush	Vyomesh
O3008	Piyush	Vyomesh
O3003	Piyush	Hardik
O3010	Niraj	Dhruv
O3007	Niraj	Dhruv
O3005	Niraj	Kavish
O3009	Miti	Geeta
O3002	Rajesh	Kirit

8 rows returned in 0.09 seconds CSV Export

24. Write a query that produces all customers serviced by salesmen with a commission above 0.12. Output the customer's name, the salesperson's name and the salesperson's rate of commissio n.

select cname, sname, comm from customer, salesmen where customer.snum = salesmen.snum and comm>0.12

```
select cname, sname, comm from customer, salesmen where customer.snum = salesmen.snum and comm>0.12
```

Results Explain Describe Saved SQL History

CNAME	SNAME	COMM
Kavish	Niraj	.13
Dhruv	Niraj	.13
Kirit	Rajesh	.15

3 rows returned in 0.11 seconds CSV Export

25. Write a query that calculates the amount of the salesperson's commission on each order by a customer with a rating above 100. select salesmen.snum, onum, amt*comm from salesmen, order1, customer where salesmen.snum = order1.snum and order1.cnum = customer.cnum and rating > 100

```
select salesmen.snum, onum, amt*comm from salesmen, order1, customer where salesmen.snum =
order1.snum and order1.cnum = customer.cnum and rating > 100
```

Results Explain Describe Saved SQL History

SNUM	ONUM	AMT*COMM
S1001	O3011	1187.0256
S1001	O3008	566.76
S1002	O3010	170.2935
S1002	O3007	9.8475
S1002	O3005	670.8585
S1003	O3009	188.4553

6 rows returned in 0.04 seconds CSV Export

26. Create a union of two queries that shows the names,cities and ratings of all customers. Those with rating of >=200 should display 'HIGH

RATING' and those with < 200 should display 'LOW RATING'. select cname, city, rating, 'High Rating' from customer where rating >= 200 UNION(select cname, city, rating, 'Low Rating' from customer where rating < 200)

```
select cname, city, rating, 'High Rating' from customer where rating >= 200 UNION
(select cname, city, rating, 'Low Rating' from customer where rating < 200)
```

Results Explain Describe Saved SQL History

CNAME	CITY	RATING	'HIGHRATING'
Dhruv	Berlin	300	High Rating
Geeta	Rome	200	High Rating
Hardik	London	100	Low Rating
Kavish	San jose	200	High Rating
Kirit	Rome	100	Low Rating
Pratham	London	100	Low Rating
Vyomesh	San jose	300	High Rating

7 rows returned in 0.06 seconds CSV Export

27. Find all customers with orders on 3rd october 1990 using correlate sub query.

select cname, city from customer, order1 where odate = '03-Oct-1990' and customer.cnum = order1.cnum

```
select cname, city from customer, order1 where odate = '03-Oct-1990' and customer.cnum = order1.cnum
```

Results Explain Describe Saved SQL History

CNAME	CITY
Kirit	Rome

1 rows returned in 0.00 seconds CSV Export

28. Find all customers having rating greater than any customer in 'ROME'.

select *from customer where rating > (select max(rating) from customer where city = 'Rome')

```
select *from customer where rating > (select max(rating) from customer where city = 'Rome')
```

Results Explain Describe Saved SQL History

CNUM	CNAME	CITY	RATING	SNUM
C2004	Dhruv	Berlin	300	S1002
C2006	Vyomesh	San jose	300	S1007

2 rows returned in 0.06 seconds CSV Export

29. Create another table London_staff having same structure as salesmen table.

create table london_staff(snum,sname,city,comm) as select snum, sname, city, comm from salesmen select *from london_staff

```
create table london_staff(snum,sname,city,comm) as select snum, sname, city, comm from salesmen
select *from london_staff
```

Results Explain Describe Saved SQL History

Table created.

```
create table london_staff(snum,sname,city,comm) as select snum, sname, city, comm from salesmen
select *from london_staff
```

Results Explain Describe Saved SQL History

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	.12
S1002	Niraj	San jose	.13
S1003	Miti	London	.11
S1004	Rajesh	Barcelona	.15
S1005	Haresh	New york	.1
S1006	Ram	Bombay	.1
S1007	Nehal	Delhi	.09

7 rows returned in 0.75 seconds CSV Export

30. Delete all salesmen who have at least one customer with a rating of 100 from salesmen table.

delete from salesmen where snum in(select snum from customer where rating=100) select *from salesmen

```
delete from salesmen where snum in(select snum from customer where rating=100)
select *from salesmen
```

Results Explain Describe Saved SQL History

2 row(s) deleted.

0.25 seconds

```
select * from salesmen
```

Results | Explain | Describe | Saved SQL | History

SNUM	SNAME	CITY	COMM
S1001	Piyush	London	.12
S1002	Niraj	San jose	.13
S1003	Miti	London	.11
S1004	Rajesh	Barcelona	.15
S1005	Haresh	New york	.1
S1006	Ram	Bombay	.1
S1007	Nehal	Delhi	.09

7 rows returned in 0.00 seconds CSV Export