

Assignment 12

- 1) Write a query that selects all customers whose ratings are equal to or greater than ANY of Serres'

```
W3_93086_Harshal>use harshal;
Database changed
W3_93086_Harshal>SELECT * FROM CUSTOMERS WHERE RATING >= ANY ( SELECT RATING
FROM CUSTOMERS WHERE SNUM IN ( SELECT SNUM FROM SALESPeOPLE WHERE SNAME =
'SERRES'));
```

Cnum	Cname	City	Rating	Snum
2002	Giovanni	Rome	200	1003
2003	Liu	San Jose	200	1002
2004	Grass	Berlin	300	1002
2008	Cisneros	San Jose	300	1007

```
4 rows in set (0.01 sec)

W3_93086_Harshal>
```

- 2) Write a query using ANY or ALL that will find all salespeople who have no customers located in their city.

```
W3_93086_Harshal>SELECT SNUM FROM SALESPeOPLE WHERE (SNUM , CITY) NOT IN (SE
LECT SNUM, CITY FROM CUSTOMERS);
```

SNUM
1004
1007
1003

```
3 rows in set (0.00 sec)

W3_93086_Harshal>
```

- 3) Write a query that selects all orders for amounts greater than any for the customers in London.

```
W3_93086_Harshal>SELECT * FROM ORDERS WHERE AMT > ANY (SELECT AMT FROM ORDER
S WHERE CNUM IN (SELECT CNUM FROM CUSTOMERS WHERE CITY = 'LONDON'));
```

Onum	Amt	Odate	Cnum	Snum
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3008	4723.00	1990-10-05	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

```
7 rows in set (0.00 sec)
W3_93086_Harshal>
```

- 4) Write the above query using MIN or MAX.

```
W3_93086_Harshal>SELECT * FROM ORDERS WHERE AMT > (SELECT MIN(AMT) FROM CUST
OMERS NATURAL JOIN ORDERS WHERE CITY = 'LONDON');
```

Onum	Amt	Odate	Cnum	Snum
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3008	4723.00	1990-10-05	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

```
7 rows in set (0.00 sec)
W3_93086_Harshal>
```