

NAME: Khushi Garg

ROLL NO.: 401906028

BATCH: EC9

LAB ASSIGNMENT - 5

JOINS:

- 1. Display Order number, Customer name, City and order amount of all orders whose order amount exists between 500 and 2000.**

select Cust.Cname, Cust.City, O.Onum, O.Amt from Customers Cust Inner Join Orders O on Cust.Cnum=O.Cnum where O.Amt between 500 and 2000;

| CNAME | CITY | ONUM | AMT |
|----------|---------|------|---------|
| Hoffman | London | 3003 | 767.19 |
| Giovanni | Rome | 3009 | 1713.23 |
| Grass | Berlin | 3010 | 1309.95 |
| Cisneros | Sanjose | 3006 | 1098.16 |
| Pereira | Rome | 3002 | 1900.1 |

[Download CSV](#)

5 rows selected.

- 2. Display Customer Name, customer city, salesman name of customers whose corresponding salespersons received a commission more than 12%, from the company.**

select Cust.Cname, Cust.City, S.Sname from Customers Cust Inner Join SalesPeople S on Cust.Snum=S.Snum where S.Comm>.12;

| CNAME | CITY | SNAME |
|----------|---------|--------|
| Liu | Sanjose | Serres |
| Grass | Berlin | Serres |
| Cisneros | Sanjose | Rifkin |

[Download CSV](#)

3 rows selected.

- 3. Display those salespersons do not live in the same city where their customers live and received a commission from the company more**

than 12%. Return Customer Name, customer city, Salesman, salesman city, commission.

```
select Cust.Cname, Cust.City, S.Sname, S.City, S.Comm from Customers Cust Inner
Join SalesPeople S on Cust.Snum=S.Snum where Cust.City!=S.City and S.Comm>.12;
```

| CNAME | CITY | SNAME | CITY | COMM |
|----------|---------|--------|-----------|------|
| Grass | Berlin | Serres | Sanjose | .13 |
| Cisneros | Sanjose | Rifkin | Barcelona | .15 |

[Download CSV](#)

2 rows selected.

Joins as well as Subquery

4. Display the name of those salespersons whose corresponding customers attained grade greater than 100

```
select Cust.Cname, Cust.Grade, S.Sname from Customers Cust Inner Join SalesPeople S on
Cust.Snum=S.Snum where Cust.Grade>100;
```

| CNAME | GRADE | SNAME |
|----------|-------|---------|
| Clemens | 300 | Peel |
| Liu | 200 | Serres |
| Grass | 300 | Serres |
| Giovanni | 200 | Axelrod |

[Download CSV](#)

4 rows selected.

5. Display all the Salesperson name and city whose all orders worth is more than Rs. 2000

6. Display name and city of all those customers who did not place any order yet.

```
select Cust.Cname, Cust.City from Customers Cust Left Outer Join Orders O on
Cust.Cnum=O.Cnum where O.Onum is null;
```

no data found

7. Find those salesperson name who live in any one of the city of customers.

```
select S.Sname from SalesPeople S Inner Join Customers Cust on S.Snum=Cust.Snum where S.City=Cust.City;
```

| SNAME |
|--------|
| Peel |
| Serres |
| Peel |

[Download CSV](#)
3 rows selected.

8. Find those salesperson name, customers name who belong to any one of the city of customers.

```
select S.Sname, Cust.Cname from SalesPeople S Inner Join Customers Cust on S.Snum=Cust.Snum where S.City=Cust.City;
```

| SNAME | CNAME |
|--------|---------|
| Peel | Hoffman |
| Serres | Liu |
| Peel | Clemens |

[Download CSV](#)
3 rows selected.

9. Find those salesperson name who belong to the city of their customer. Display salesperson name and Customer name.

```
select S.Sname, Cust.Cname from SalesPeople S Inner Join Customers Cust on S.Snum=Cust.Snum where S.City=Cust.City;
```

| SNAME | CNAME |
|--------|---------|
| Peel | Hoffman |
| Serres | Liu |
| Peel | Clemens |

[Download CSV](#)

3 rows selected.