

## Practical-8

### Aim : Join Queries:

1. Display all the employee name and the city where they work.
2. Display the employee name and company 's' name having salary more than 15000.
3. Find the average rating and age of all sailors.
4. List various products available.
5. Display the names of salesman who have salary more than 2850.
6. Change the cost price of Trousers to 950
7. List all the clients having 'a' as a second character in their names.
8. List all the products whose QtyonHand is less than Reorderlvl.
9. Print the description and total qty sold for each product.
10. Find out all the products which have been sold to 'Ivan Bayross'
11. Find the names of all clients who have purchased Trousers.
12. Find the products and their quantities for the orders placed by client C00001 and C00002.
13. List the client details who place order no. O19001.
14. List the name of clients who have placed orders worth Rs. 10000 or more.
15. Find the total of Qty ordered for each Order.

**Note : Make sure to adjust the table and column names based on your database schema.**

1)

```
SELECT e.name AS employee_name, l.city  
FROM employees e  
JOIN locations l ON e.location_id = l.location_id;
```

2)

```
SELECT e.employee_name, c.company_name  
FROM employees e  
JOIN companies c ON e.company_id = c.company_id  
WHERE e.salary > 15000;
```

3)

```
SELECT AVG(rating) AS average_rating, AVG(age) AS average_age  
FROM sailors;
```

4)

```
SELECT product_name  
FROM products;
```

5)

```
SELECT salesman_name
```

```
FROM salesmen  
WHERE salary > 2850;
```

```
6)  
UPDATE products  
SET cost_price = 950  
WHERE product_name = 'Trousers';
```

```
7)  
SELECT client_name  
FROM clients  
WHERE SUBSTR(client_name, 2, 1) = 'a';
```

```
8)  
SELECT *  
FROM products  
WHERE QtyonHand < Reorderlvl;
```

```
9)  
SELECT p.description, SUM(s.qty_sold) AS total_qty_sold  
FROM products p  
JOIN sales s ON p.product_id = s.product_id  
GROUP BY p.description;
```

```
10)  
SELECT p.product_name  
FROM products p  
JOIN sales s ON p.product_id = s.product_id  
JOIN customers c ON s.customer_id = c.customer_id  
WHERE c.customer_name = 'Ivan Bayross';
```

```
11)  
SELECT c.client_name  
FROM clients c  
JOIN orders o ON c.client_id = o.client_id  
JOIN products p ON o.product_id = p.product_id  
WHERE p.product_name = 'Trousers';
```

12)

```
SELECT p.product_name, o.quantity
FROM clients c
JOIN orders o ON c.client_id = o.client_id
JOIN products p ON o.product_id = p.product_id
WHERE c.client_id IN ('C00001', 'C00002');
```

13)

```
SELECT c.*
FROM clients c
JOIN orders o ON c.client_id = o.client_id
WHERE o.order_number = 'O19001';
```

14)

```
SELECT c.client_name
FROM clients c
JOIN orders o ON c.client_id = o.client_id
GROUP BY c.client_name
HAVING SUM(o.order_amount) >= 10000;
```

15)

```
SELECT o.order_number, SUM(od.qty_ordered) AS total_qty_ordered
FROM orders o
JOIN order_details od ON o.order_id = od.order_id
GROUP BY o.order_number;
```

need sql lab query oracle database