

Practical-7

Aim : 'Join' Queries:

1. Find the salary of Adam.
2. Find the city where Brooks work.
3. Display the sailor's details whose boat is booked for 9th May, 98.
4. Display the day of ride and sailor name for boat 103.
5. Display the sailor name and its age for Red colored and 101 boat.
6. Display the sailor details whose boat is never booked.
7. Display the sailor name that has Red or Green Boat.
8. Display all sailor details and boat details and who has Interlake boat.
9. Display sailor's rating with boat details or the trip on 10th October, 98.
10. Display the sailor id and name whose age is more than 42 or who has Blue colored boat.
11. Display name and rating of sailor whose boat name is Clipper.
12. List products whose selling price is more than 500 and less than equal to 750.
13. Describe the second highest salary of an employee.
14. Display the date of travel and sailor's name whose age is between 35 and 65.
15. List all the employees working for 'FBC'

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

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1) SELECT e.salary_amount AS Adam_salary
FROM employees e
JOIN salaries s ON e.employee_id = s.employee_id
WHERE e.employee_name = 'Adam';
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2) SELECT w.city AS Brooks_city
FROM employees e
JOIN works w ON e.work_id = w.work_id
WHERE e.employee_name = 'Brooks';
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```
3) SELECT s.sailor_id, s.sailor_name, s.age, s.rating
FROM sailors s
JOIN bookings b ON s.sailor_id = b.sailor_id
WHERE b.booking_date = '1998-05-09';
```

```
4) SELECT r.day_of_ride, s.sailor_name
FROM rides r
JOIN sailors s ON r.sailor_id = s.sailor_id
WHERE r.boat_id = 103;
```

5) SELECT s.sailor_name, s.age
FROM sailors s
JOIN boats b ON s.sailor_id = b.sailor_id
WHERE b.boat_id = 101 AND b.color = 'Red';

6) SELECT s.sailor_id, s.sailor_name, s.age, s.rating
FROM sailors s
LEFT JOIN bookings b ON s.sailor_id = b.sailor_id
WHERE b.sailor_id IS NULL;

7) SELECT s.sailor_name
FROM sailors s
JOIN boats b ON s.sailor_id = b.sailor_id
WHERE b.color IN ('Red', 'Green');

8) SELECT s.sailor_id, s.sailor_name, b.boat_id, b.boat_name
FROM sailors s
JOIN boats b ON s.sailor_id = b.sailor_id
WHERE b.boat_name = 'Interlake';

9) SELECT s.rating, t.trip_date, t.boat_id
FROM sailors s
JOIN trips t ON s.sailor_id = t.sailor_id
WHERE t.trip_date = '1998-10-10';

10) SELECT s.sailor_id, s.sailor_name
FROM sailors s
JOIN boats b ON s.sailor_id = b.sailor_id
WHERE s.age > 42 OR b.color = 'Blue';

11) SELECT s.sailor_name, s.rating
FROM sailors s
JOIN boats b ON s.sailor_id = b.sailor_id
WHERE b.boat_name = 'Clipper';

12) SELECT p.product_id, p.product_name
FROM products p
JOIN pricing pr ON p.product_id = pr.product_id
WHERE pr.selling_price > 500 AND pr.selling_price <= 750;

```
13) SELECT MAX(e.salary) AS second_highest_salary
FROM employees e
WHERE e.salary < (
    SELECT MAX(salary) FROM employees);
```

```
14) SELECT t.travel_date, s.sailor_name
FROM sailors s
JOIN travels t ON s.sailor_id = t.sailor_id
WHERE s.age BETWEEN 35 AND 65;
```

```
15) SELECT e.employee_id, e.employee_name
FROM employees e
JOIN companies c ON e.employee_id = c.employee_id
WHERE c.company_name = 'FBC';
```