

DAY -2 QUERIES

11. display employees whose names start with 'A'

```
SELECT EmpName, Salary
FROM Employees
WHERE EmpName LIKE 'A%';
```

#output

EmpName	Salary
Alice	60000

12. find employees whose salary is between 45,000 and 60,000

```
SELECT EmpName, Salary
FROM Employees
WHERE Salary BETWEEN 45000 AND 60000;
```

#output

EmpName	Salary
John	50000
Alice	60000
Bob	55000
Carol	45000

13. show the department name of each employee (JOIN QUERY)

```
SELECT E.EmpName, D.DeptName
FROM Employees E
JOIN Departments D ON E.DeptID = D.DeptID;
```

#output

EmpName	DeptName
John	HR
Alice	IT

Bob | HR

Carol | Sales

14. find the number of employees in each department

```
SELECT DeptID, COUNT(*) AS NumOfEmployees
```

```
FROM Employees
```

```
GROUP BY DeptID;
```

#output

DeptID	NumOfEmployees
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1	2
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2	1
---	---

3	1
---	---

15. display all employees including those without a department (LEFT JOIN)

```
SELECT E.EmpID, E.EmpName, E.Salary, D.DeptName
```

```
FROM Employees E
```

```
LEFT JOIN Departments D ON E.DeptID = D.DeptID;
```

#output

EmpID	EmpName	Salary	DeptName
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101	John	50000	HR
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102	Alice	60000	IT
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103	Bob	55000	HR
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104	Carol	45000	Sales
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