Q1. Explain the different types of Aggregate FUnctions with one example.

Count
Avg
sum

Q2. Explain the Differences between UNION and UNION ALL functions

union =sorted ,distint
Union all =unsorted duplicate

Q3 What are set operators ?explore diffrenet types operators with examples

set =no of columns same data type same

Result =vertically(rows increase)

4. Explain the different types of SQL joins with examples.

Inner join

Left join

Right join

Cross join

--Q5. Write a query to find the Names starting with S or A

select empfname from Employee1 where empfname like 'S%' or empfname like 'A%';

--6. Write the query to get the department and department wise summed up salary, display it in descending order according to salary.

select deptCode, sum(salary) as salary_sum from Employee1 group by deptcode order by sum(salary) desc;

--7.Write a SQL query to fetch the username from your mail id.

Select substring('aaayush@fastenal.com', 1, charindex('@', 'aaayush@fastenal.com')-1);

--8. Write a SQL query to find the 5th highest salary earning employee information from the employee table.

select * from Employee1 as e1

where 4 =

(SELECT count(salary) from Employee1 as e2 where e2.salary > e1.salary);

--9. Write a SQL query to display employee name, job, department, location for all who are working as manager.

select empfname, job, deptcode from Employee1 where job like 'manager';

--10. Write a SQL query to display the employees whose salary is greater than their manager salary.

select * from from Employee1 where salary >

--11. Write a query to convert the string to uppercase and vice versa.

select UPPER('lenovo');

--12. Write a query to fetch common records in two tables.

select * from Employee1 as e1

inner JOIN

Employee2 as e2

on (e1.empcode = e2.empcode);