exp 4 : aggregate functions

```
CREATE TABLE Employee_Details (
    Employee_ID INT PRIMARY KEY,
    Employee_Name VARCHAR(255),
    Department VARCHAR(100),
    Salary DECIMAL(10, 2),
    Hire_Date DATE,
    Age INT
);

INSERT INTO Employee_Details (Employee_ID, Employee_Name, Department, Salary, Hire_Date, Age)
VALUES
(1, 'Amit Verma', 'IT', 60000.00, '2020-01-15', 28),
(2, 'Sneha Patel', 'HR', 45000.00, '2018-07-20', 30),
(3, 'Rahul Sharma', 'Finance', 70000.00, '2019-05-10', 35),
(4, 'Pooja Singh', 'IT', 80000.00, '2021-09-01', 25),
(5, 'Ravi Kumar', 'HR', 50000.00, '2017-12-11', 40);

SELECT SUM(Salary) AS Total_Salary
FROM Employee_Details;

SELECT AVG(Salary) AS Average_Salary
FROM Employee_Details;

SELECT COUNT(*) AS Total_Employees
FROM Employee_Details;

SELECT Department, SUM(Salary) AS Total_Salary
FROM Employee_Details
GROUP BY Department;
```

```
SELECT Department, AVG(Salary) AS Average_Salary
FROM Employee_Details
GROUP BY Department
HAVING AVG(Salary) > 50000;

SELECT Employee_Name, Hire_Date
FROM Employee_Details
WHERE Hire_Date > '2020-01-01';

SELECT Employee_Name
FROM Employee_Details
WHERE Employee_Name LIKE 'R%';

SELECT Employee_Name, Salary, Salary * 1.10 AS Increased_Salary
FROM Employee_Details;
```