

Govt College Akorra Khattak, Nowshera
BSCS – Database Task II

```
CREATE DATABASE ExampleDB;
USE ExampleDB;

CREATE TABLE Employees (
    EmployeeID INT PRIMARY KEY AUTO_INCREMENT,
    FirstName VARCHAR(50),
    LastName VARCHAR(50),
    Department VARCHAR(50),
    Salary DECIMAL(10, 2),
    HireDate DATE
);
```

```
INSERT INTO Employees (FirstName, LastName, Department, Salary, HireDate) VALUES
('John', 'Doe', 'HR', 50000.00, '2020-01-15'),
('Jane', 'Smith', 'IT', 60000.00, '2019-03-22'),
('Alice', 'Johnson', 'Finance', 55000.00, '2021-07-30'),
('Bob', 'Brown', 'IT', 65000.00, '2018-11-05'),
('Charlie', 'Davis', 'HR', 52000.00, '2022-02-10'),
('Eva', 'Wilson', 'Finance', 58000.00, '2020-09-12');
```

- a. Find the total salary expenditure for each department.
 - b. Find the average salary in each department.
 - c. Find the number of employees in each department.
 - d. Find the highest salary in each department.
 - e. Find the lowest salary in each department.
 - f. Find the total number of employees hired each year.
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- a. Which department has the highest total salary expenditure?
 - b. What is the average salary of employees hired in 2020?
 - c. How many employees were hired in the IT department?
 - d. What is the highest salary in the HR department?
 - e. Which year had the most employees hired?