

# Codes

Create database library\_db ;

Use library\_db ;

```
CREATE TABLE employees (  
    emp_id INT,  
    emp_name VARCHAR(20),  
    position VARCHAR(20),  
    Salary INT,  
    branch_id INT PRIMARY KEY  
);
```

Insert into employees

( emp\_id , emp\_name , position , Salary , branch\_id)

Values

(102 , "Jane Smith" , "Clerk" , 45000 , 002),

(103 , "Mike Johnson" ,"Librarian" , 55000 , 003),

(104 , "Emily Davis" , "Assistant" , 40000 , 004),

(105 , "Sarah Brown" , "Assistant" , 42000 , 005);

SELECT

emp\_name, COUNT(emp\_id) AS total\_count

FROM

```
employees  
GROUP BY emp_name;
```

```
SELECT  
    SUM(salary) AS total_salary  
FROM  
    employees;
```

```
SELECT  
    emp_name, MAX(salary) AS maximum_salary  
FROM  
    employees  
GROUP BY emp_name  
ORDER BY maximum_salary ASC;
```

```
CREATE TABLE branch (  
    manager_id INT,  
    branch_address VARCHAR(250),  
    contact_no varchar(30),  
    branch_id INT,  
    FOREIGN KEY (branch_id)  
        REFERENCES employees (branch_id)  
);
```