**EMPLOYEE MANAGEMENT SYSTEM**

1. **CREATE DATABASE - MPHASIS**



1. **USE DATABASE NAME \_ MPHASIS**



1. **CREATING TABLE**

**3.1 DEPARTMENTS TABLE**

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**3.2** **EMPLOYEES TABLE**

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**3.3** **ATTENDANCERECORDS TABLE**A screenshot of a computer program

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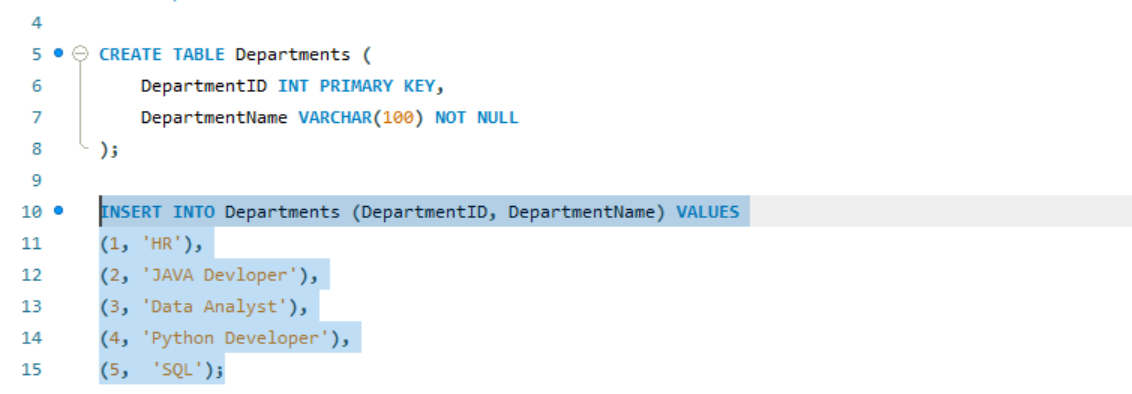
**3.4** **LEAVEREQUESTS TABLE**

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1. **INSERTING INTO TABLE**

**4.1.1 DEPARTMENTS TABLE INSERTION**



**4.1.2 SELECTION OF DEPARTMENTS**

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* 1. **EMPLOYEES**

**4.2.1 INSERTING INTO EMPLOYEES**

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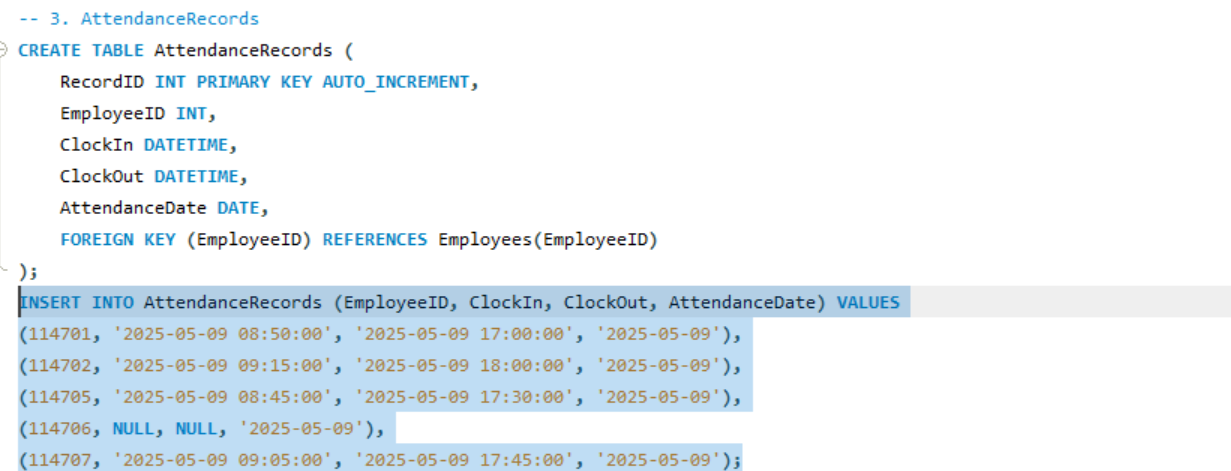
* + 1. **SELCTION OF EMPLOYEES TABLE**

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* 1. **ATTENDANCERECORDS**

**4.3.1 INSERTING INTO ATTENDANCERECORDS**



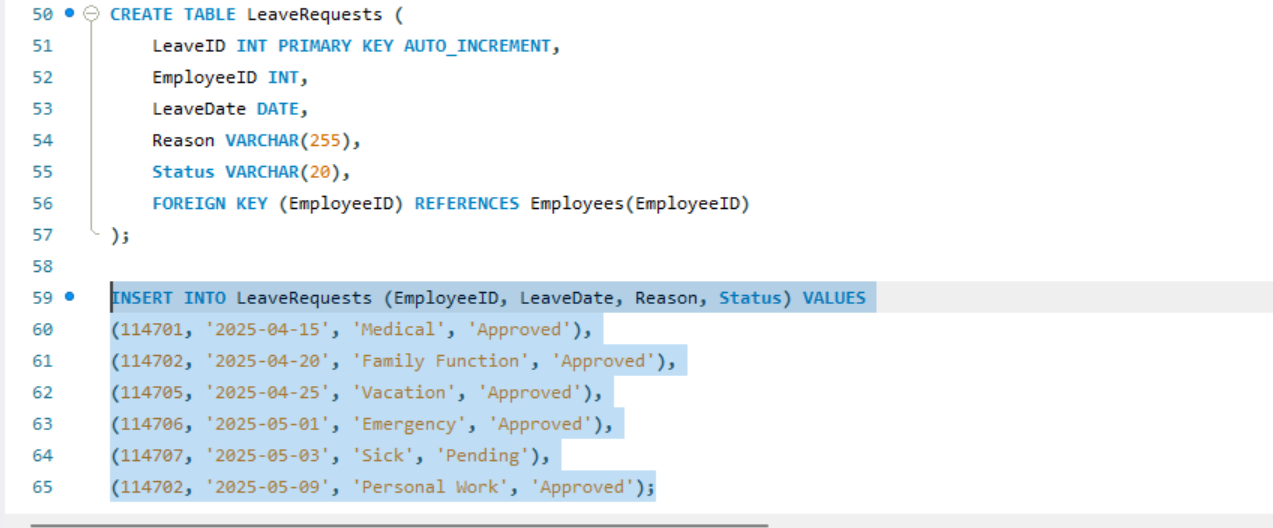
* + 1. **SELCTION OF ATTENDANCERECORDS**

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* 1. **LEAVEREQUESTS**

**4.4.1 INSERTING INTO LEAVEREQUESTS**



**4.4.2 SELECTION OF LEAVEREQUESTS TABLE**

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1. **ALTERING COLUMN:**

**5.1.1 ALTERING TABLE EMPLOYEES FOR ADDING AGE AFTER NAME**

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**5.1.2 UPDATING AGE COLUMN RECORDS**

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1. **ALTERING CONSTRAINT:**

**6.1.1 ALTERING CONSTRAINTS FOR AGE CHECK**

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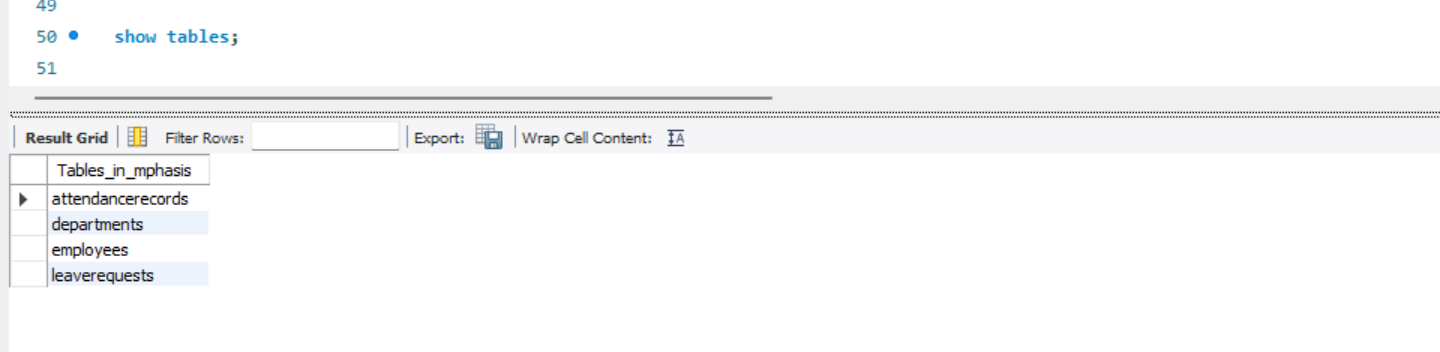
AI-generated content may be incorrect.

**6.1.2 UPDATING THE TABLE TO VERIFY IF THE CONSTRAINTS ARE WORKING:**

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1. **SHOW TABLES:**



1. **DESC EMPLOYEES:**

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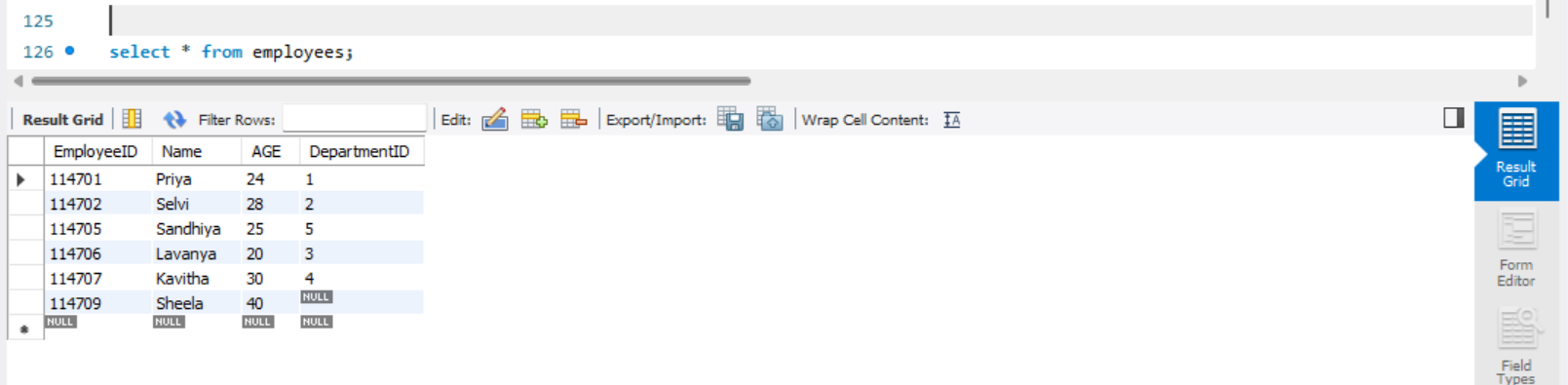
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1. **JOINS**

* **We are using the *Employees* and *Departments* tables to demonstrate different types of joins**
* **JOINS are classified into many types and I’m using 4 of them such are:**

1. **INNER JOIN**
2. **LEFT JOIN**
3. **RIGHT JOIN**
4. **CROSS JOIN**

* **EMPLOYEES TABLE**:



* **DEPARTMENTS TABLE**:

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**9.1 INNER JOIN**:

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**9.2 LEFT JOIN:**

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**9.3 RIGHT JOIN**:

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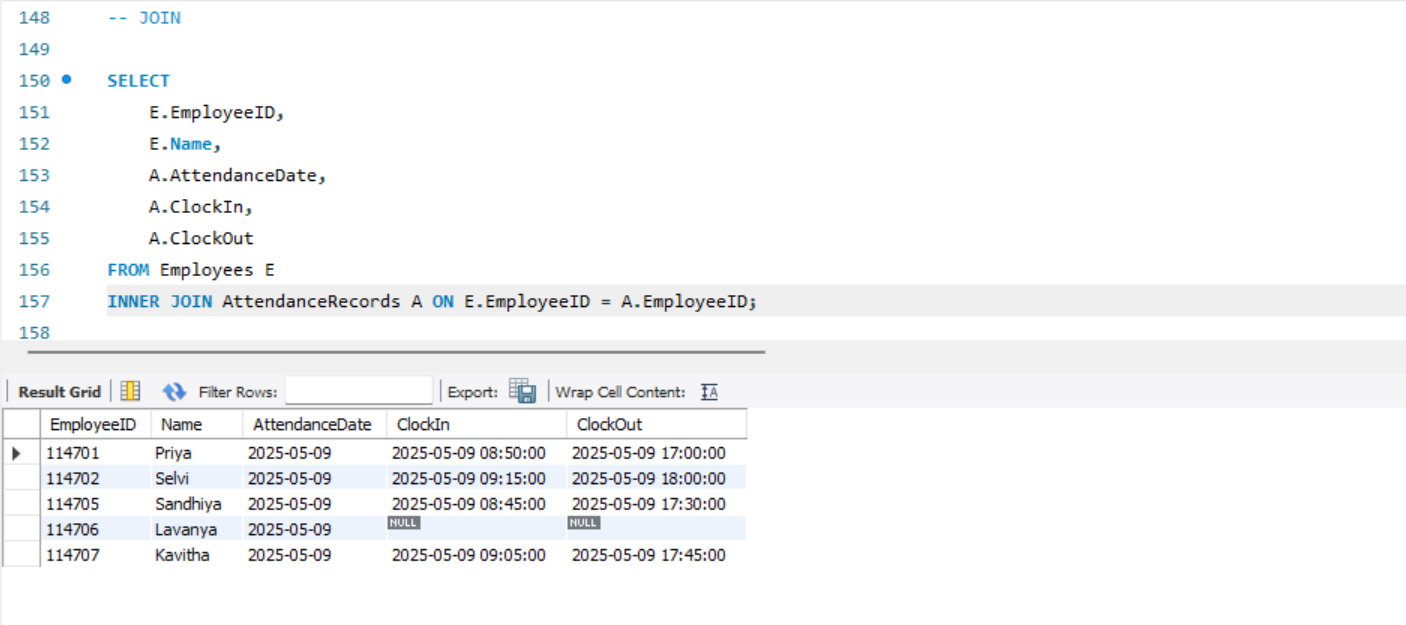
**9.4 CROSS JOIN:**

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* + 1. **INNER JOIN EMPLOYEE&ATTENDANCE:**

**We are using Employees & Attendance table to demonstrate Inner Join**



1. **VIEWS:**

We are using Employees&AttendanceRecords table to demonstate Views.

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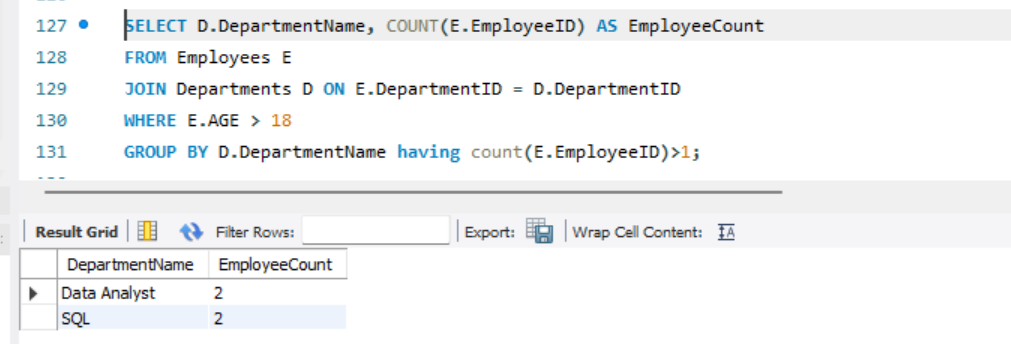
**10.1 SELECTING VIEW TABLE NAME**

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1. **SUBQUERY**

**Here we are using Employees & Departments table to demonstrate Subquery**



1. **PROCEDURES**

**12.1.1 CREATING PROCEDURE WITHOUT ARGUMENTS**

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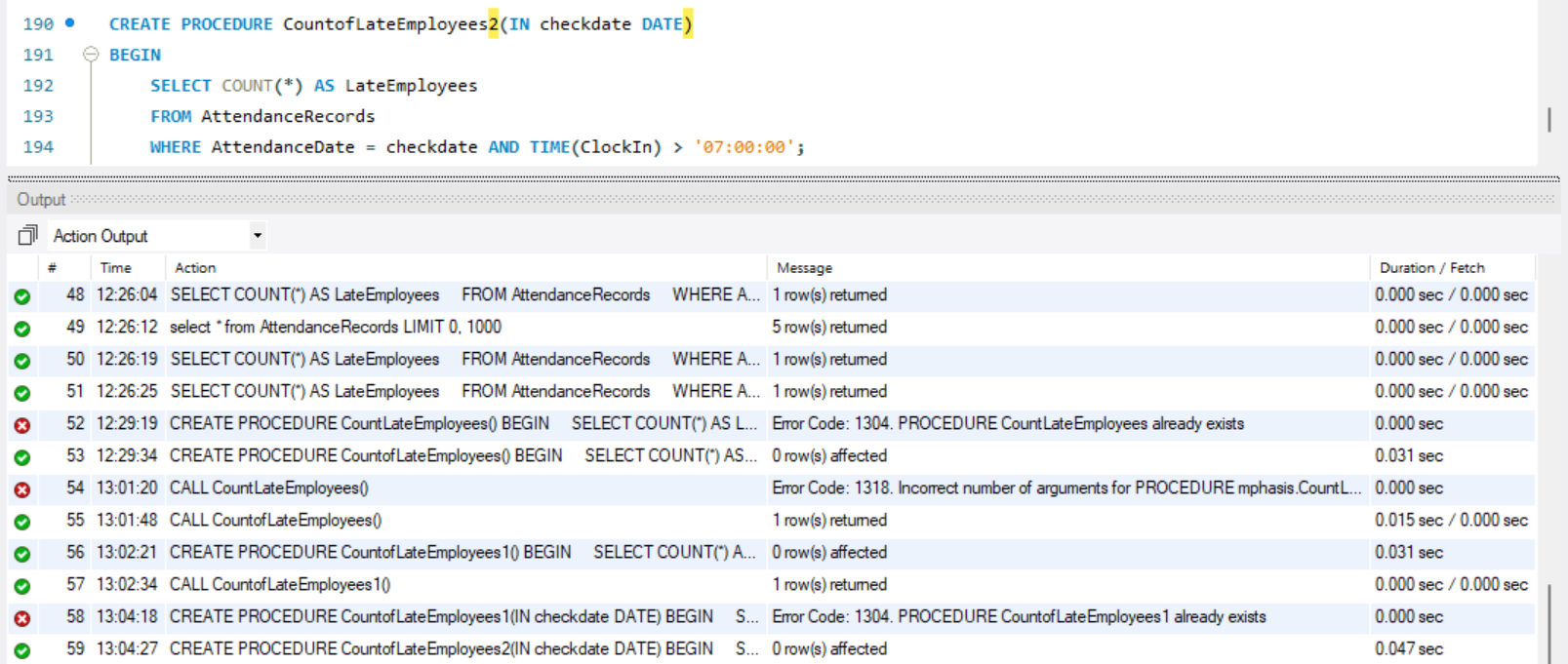
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**12.1.2 CALLING PROCEDURES**

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**12.2 CALLING PROCEDURES WITH ARGUMENTS:**



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