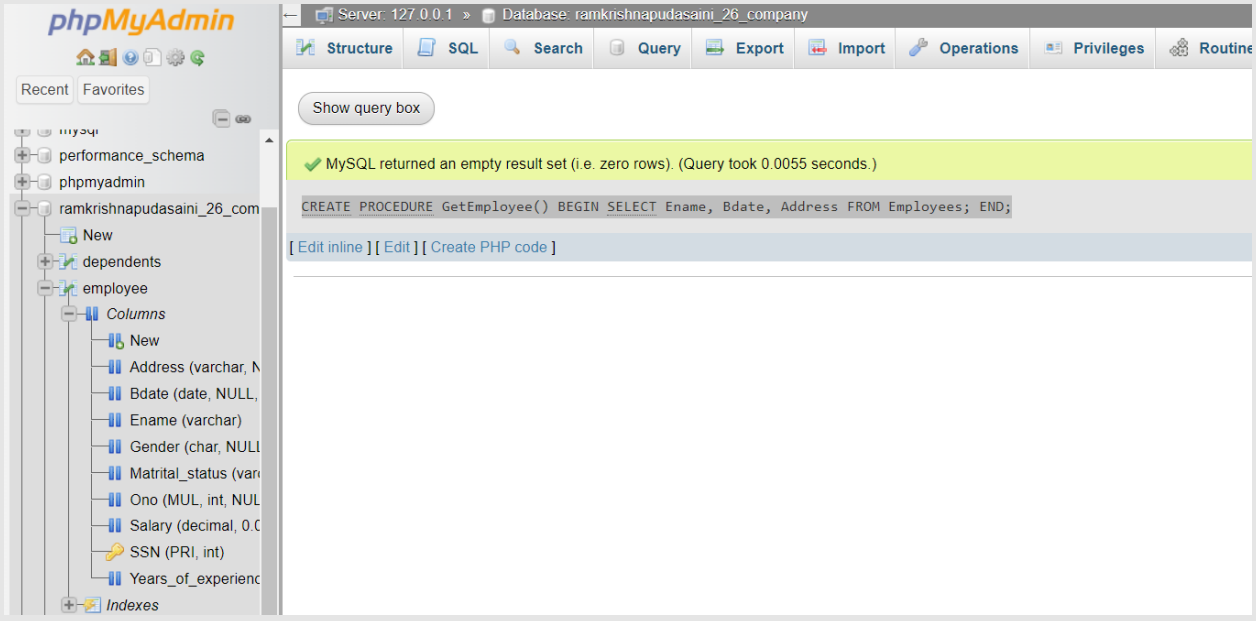
LAB Assignment 5

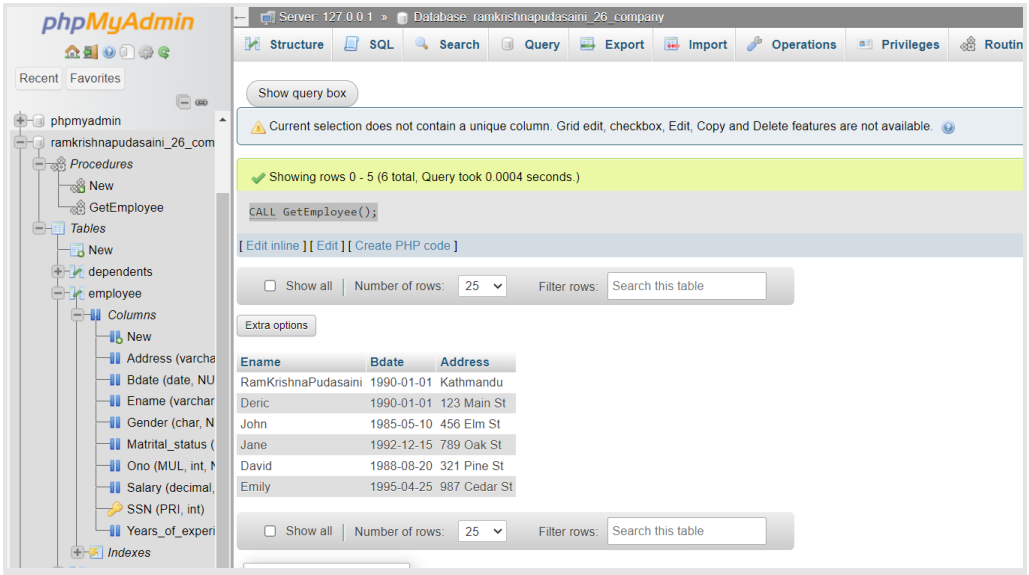
1. **Write a stored procedure named “GetEmployee()” to get name, birthdate, address of employees.**

```
CREATE PROCEDURE GetEmployee() BEGIN SELECT Ename, Bdate, Address FROM Employees; END;
```



2. **Execute the procedure in Q.1 and show the result.**

```
CALL GetEmployee();
```

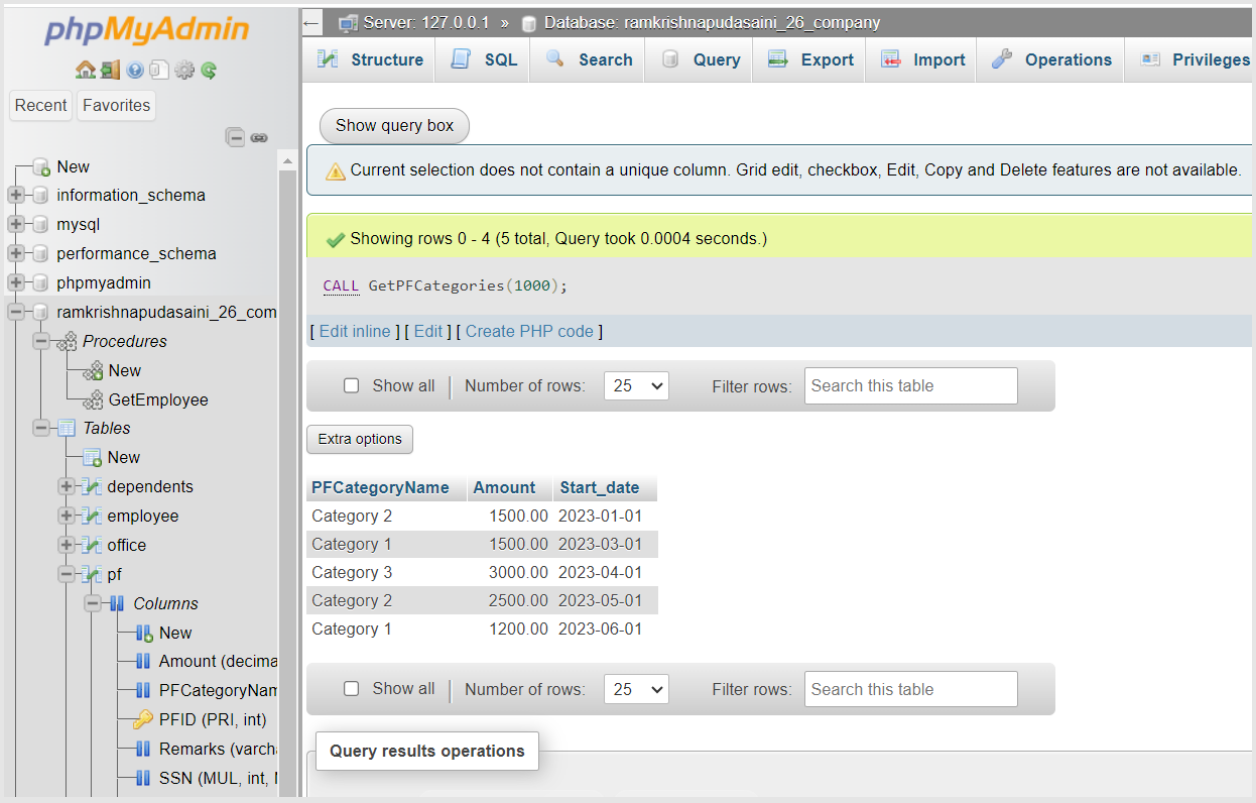


3. **Write a stored procedure to get PF category name, Amount and start date where the amount is greater than provided input value. Your procedure should contain an IN parameter named amt to take input value of amount. Call the procedure with inputs 1000 and 3000 respectively.**

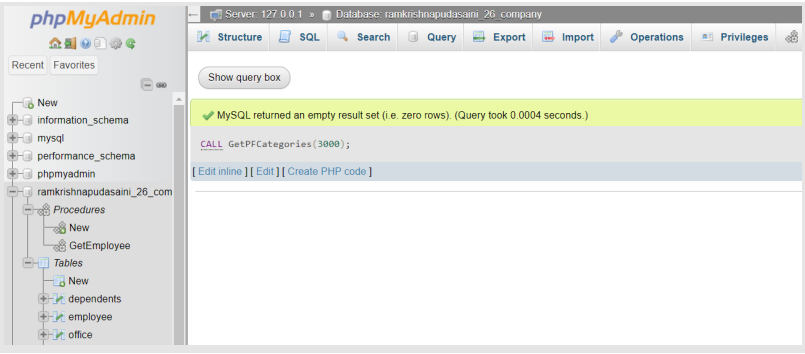
```
CREATE PROCEDURE GetPFCategories(IN amt DECIMAL) BEGIN SELECT PFCategoryName, Amount, Start_date FROM pf WHERE Amount > amt; END;
```

```
TO call the procedure with inputs 1000 and 3000
```

```
CALL GetPFCategories(1000);
```

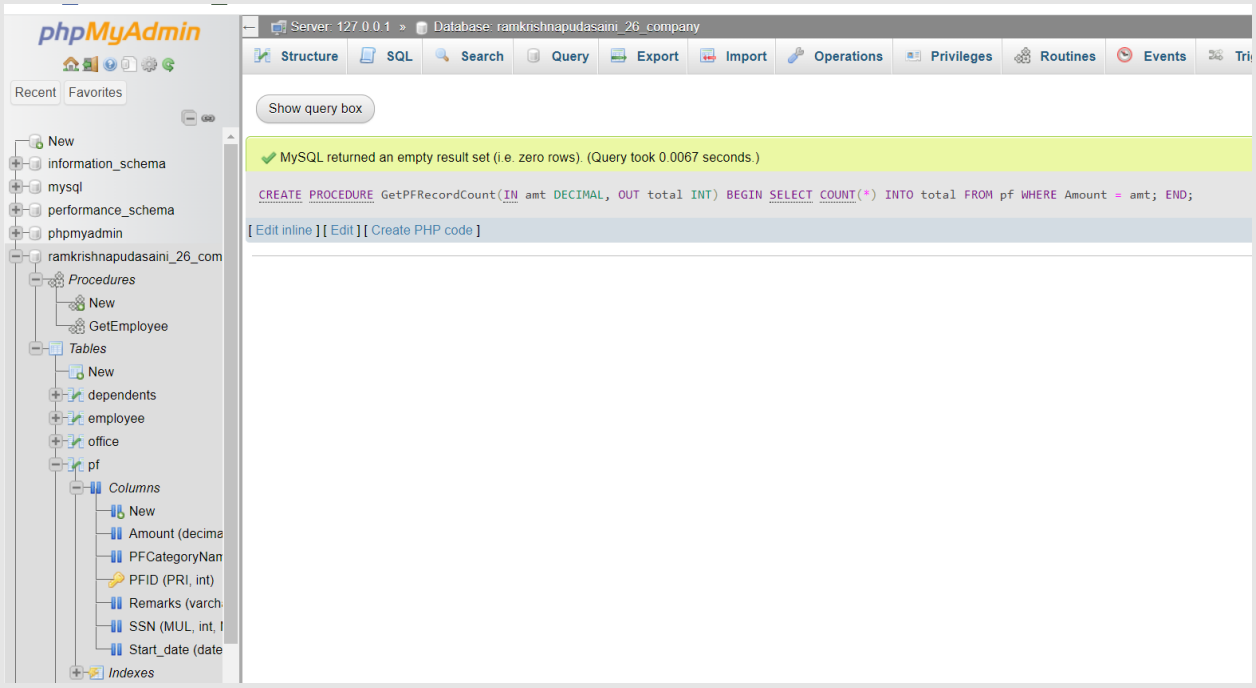



```
CALL GetPFCategories(1000);
```



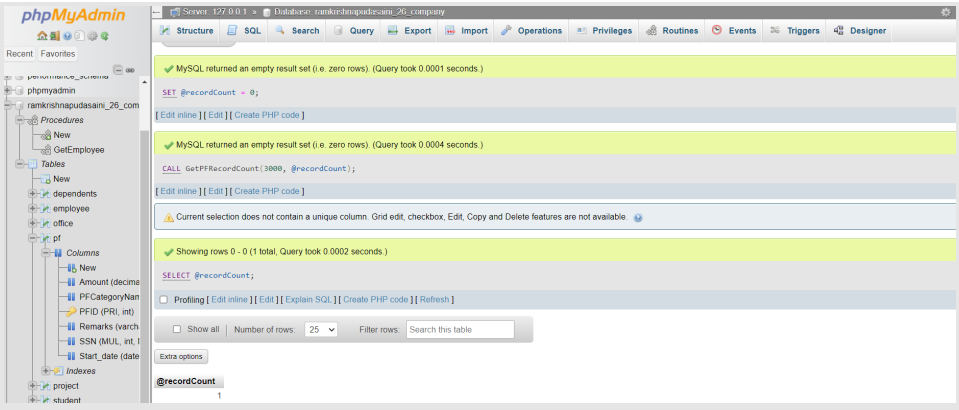
4. Write a stored procedure to get number of PF records where the amount of PF is equal to the provided input value. Your procedure should contain an IN parameter named amt to take input value of amount and should contain OUT parameter named total to return the total number of PF records satisfying the condition.

```
CREATE PROCEDURE GetPFRecordCount(IN amt DECIMAL, OUT total INT) BEGIN SELECT COUNT(*) INTO total FROM pf WHERE Amount = amt; END;
```



5. Call the procedure in Q4. with input of 3000 and print the @total.

```
SET @recordCount = 0;
CALL GetPFRecordCount(3000, @recordCount);
SELECT @recordCount;
```

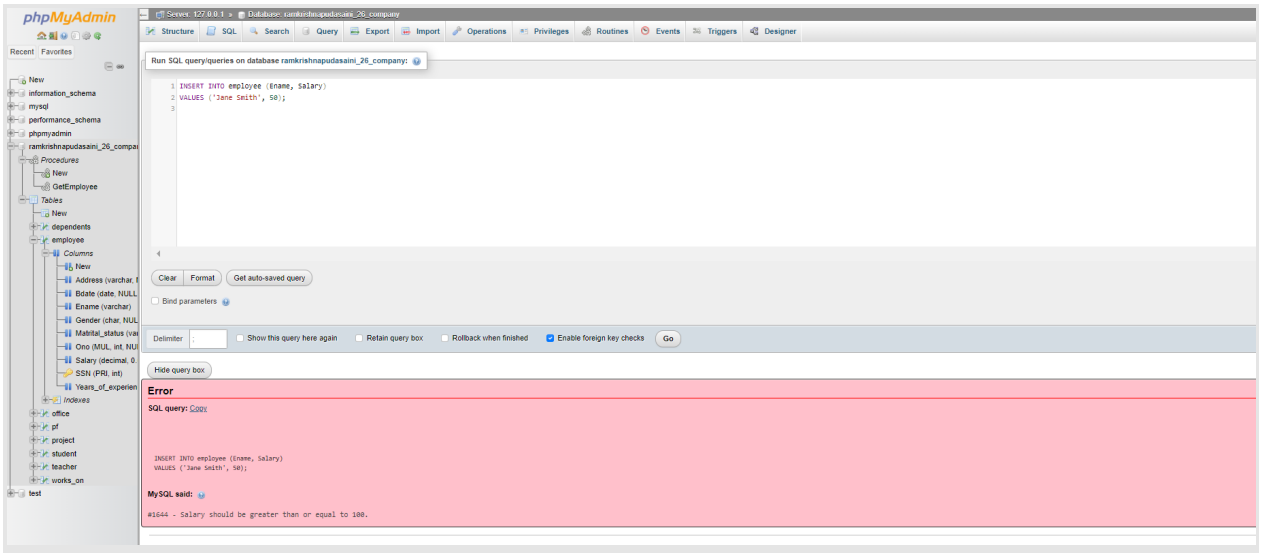


6. Write before insert trigger before inserting a record into the Employee table. Show some action on the event.

```
DELIMITER //

CREATE TRIGGER BeforeEmployeeInsert
BEFORE INSERT ON employee
FOR EACH ROW
BEGIN
    -- Perform some action or validation before the insert
    IF NEW.Salary < 100 THEN
        SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'Salary should be greater
than or equal to 100.';
    END IF;
END //

DELIMITER ;
```

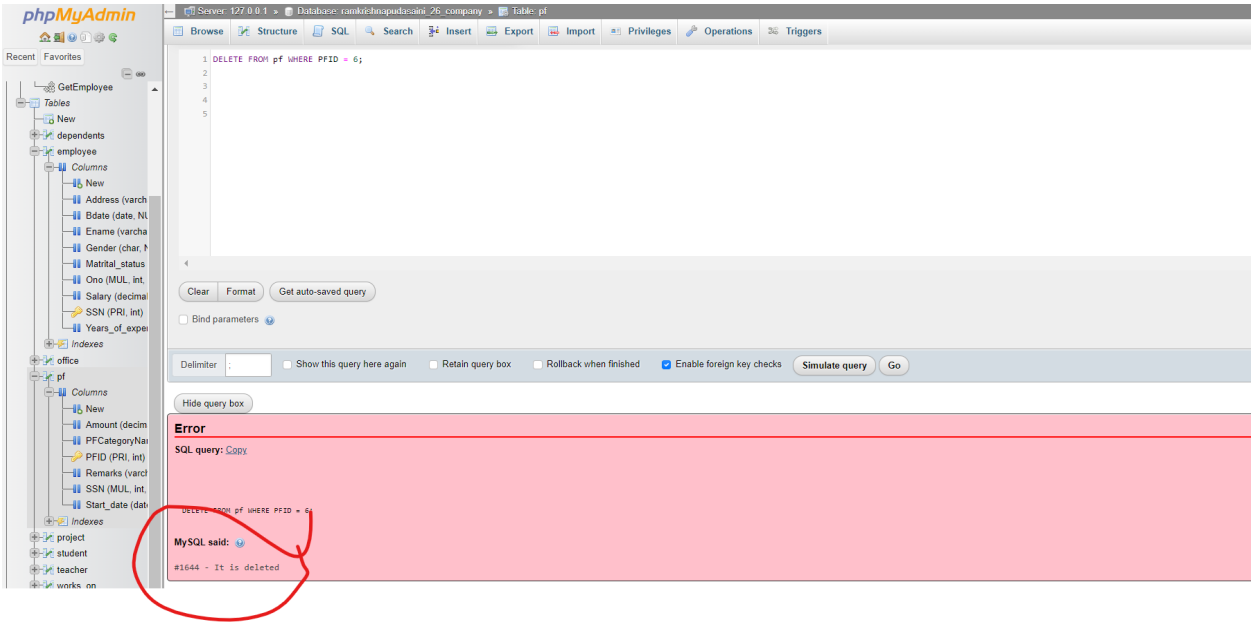


7. Write after delete trigger on PF table during delete operation. Print “It is deleted”.

```
DELIMITER //

CREATE TRIGGER AfterPFDelete
AFTER DELETE ON pf
FOR EACH ROW
BEGIN
   SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'It is deleted';
END //

DELIMITER ;
```


phpMyAdmin
Recent
Favorites
GetEmployee
Tables
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dependents
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Server: 127.0.0.1 » Database: ramkrishnapadasaini_26_company » Table: pf
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Triggers
1 DELETE FROM pf WHERE PFID = 6;
Clear
Format
Get auto-saved query
Bind parameters
Delimiter
Show this query here again
Retain query box
Rollback when finished
Enable foreign key checks
Simulate query
Go
Hide query box
Error
SQL query: Copy
DELETE FROM pf WHERE PFID = 6;
MySQL said:
#1644 - It is deleted