

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

entri_d42

Tables

country

country2

dance_students

departments

employees

football_players

football_players2

managers

music_students

new_employees

Administration Schemas

Schema: **entri_d42**

Information

Object Info Session

SQL File 12* 9* ASSIGNMENT6 ASSIGNMENT7 SQL File 16* script procedures ASSIGNMENT8 more procedures ASSIGNMENT9

Limit to 1000 rows

```

1 USE entri_d42;
2 CREATE TABLE Worker(
3     Worker_id INT PRIMARY KEY,
4     First_name CHAR(25),
5     Last_name CHAR(25),
6     Salary INT(15),
7     Joining_date DATETIME,
8     Department CHAR(25)
9 );
10 DELIMITER //
11 CREATE PROCEDURE Addworker(
12     IN p_Worker_id INT,
13     IN p_First_name CHAR(25),
14     IN p_Last_name CHAR(25),
15     IN p_Salary INT,
16     IN p_Joining_date DATETIME,
17     IN p_Department CHAR(25)
18 )

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
17	18:27:52	CALL Get_Averagesalary(HR:@p_Avgsalary)	1 row(s) affected	0.000 sec
18	18:29:43	SELECT @p_Avgsalary AS Avgsalary LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Type here to search

22:32 26-11-2024

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entri_d42

Tables

Views

Stored Procedures

Addworker

avg_striking

GetRemainder

greet3

greet_2

instructor_delete

instructor_update

instructor_delete

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Limit to 1000 rows

```

19 BEGIN
20     INSERT INTO Worker (Worker_id,First_name,Last_name,Salary,Joining_date,Department) VALUES
21         (p_Worker_id,p_First_name,p_Last_name,p_Salary,p_Joining_date,p_Department);
22 END //
23 DELIMITER ;
24
25 CALL Addworker(1,'John','Doe',50000,'2024-11-26 10:00:00','HR');
26
27
28 -- STORED PROCEDURE TO RETRIEVE SALARY
29 DELIMITER //
30 CREATE PROCEDURE Get_salary(
31     IN p_Worker_id INT,
32     OUT p_Salary INT
33 )
34 BEGIN
35     SELECT Salary INTO p_Salary FROM Worker WHERE Worker_id=p_Worker_id;
36 END //

```

Output

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```

38
39 • CALL Get_salary(1, @p_salary);
40 • SELECT @p_salary AS Salary;
41
42 -- STORED PROCEDURE TO UPDATE DEPARTMENT
43 DELIMITER //
44 • CREATE PROCEDURE Update_Department(
45     IN p_worker_id INT ,
46     IN p_department CHAR(25)
47 )
48 BEGIN
49     UPDATE Worker SET Department=p_department WHERE Worker_id=p_worker_id;
50 END //
51 DELIMITER ;
52
53 • CALL Update_Department(1, 'Finance');
54
55

```

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```

55
56 -- STORED PROCEDURE TO GET WORKER COUNT BY DEPARTMENT
57 DELIMITER //
58 • CREATE PROCEDURE Get_Workercount(
59     IN p_department CHAR(25),
60     OUT p_workercount INT
61 )
62 BEGIN
63     SELECT COUNT(*) INTO p_workercount FROM Worker WHERE Department=p_department;
64 END //
65 DELIMITER ;
66
67 • CALL Get_Workercount('HR', @p_workercount);
68 • SELECT @p_workercount AS Workercount;
69
70 -- STORED PROCEDURE TO GET AVERAGE SALARY BY DEPARTMENT
71 DELIMITER //
72 • CREATE PROCEDURE Get_Averagesalary(

```

Output

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```
68 • SELECT @p_Workercount AS Workercount;
69
70 -- STORED PROCEDURE TO GET AVERAGE SALARY BY DEPARTMENT
71 DELIMITER //
72 • CREATE PROCEDURE Get_Averagesalary(
73     IN p_Department CHAR(25),
74     OUT p_Avgsalary FLOAT
75 )
76 BEGIN
77     SELECT AVG(Salary) INTO p_Avgsalary FROM Worker WHERE Department=p_Department ;
78 END //
79 DELIMITER ;
80
81 • CALL Get_Averagesalary('HR',@p_Avgsalary);
82 • SELECT @p_Avgsalary AS Avgsalary ;
83
84
85
```

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