TASK AND RESULTS

1

```
BEGIN
INSERT INTO Worker (Worker_Id, FirstName, LastName, Salary, JoiningDate, Department) VALUES (N_Worker_Id, N_FirstName, N_LastName, N_Salary, N_JoiningDate, N_Department);
END $$
DELIMITER ;
CALL Add_new_Worker(1, 'Archana', 'Anil', 50000, '2024-11-26 10:30:00', 'Engineering');
SELECT * FROM Worker;
```

Result Grid

Worker_Id	FirstName	LastName	Salary	JoiningDate	Department
1	Archana	Anil	50000	2024-11-26 10:30:00	Engineering

Worker 1

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	20:26:52	CREATE PROCEDURE Add_new_worker(IN N_Worker_Id INT, IN N_FirstName CHAR(25), IN N_LastName...	0 row(s) affected, 1 warning(s): 1681 Integer display width is deprecated and will be removed in a future release.	0.031 sec
4	20:27:43	CALL Add_new_Worker(1, 'Archana', 'Anil', 50000, '2024-11-26 10:30:00', 'Engineering')	1 row(s) affected	0.015 sec
5	20:28:09	SELECT * FROM Worker LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

2

```
-- Write stored procedure takes in an IN parameter for WORKER_ID and an OUT parameter for SALARY. It should retrieve the salary of the worker with the given ID and returns it

DELIMITER $$
CREATE PROCEDURE Find_salary(IN N_Worker_Id INT, OUT P_Salary INT(15))
BEGIN
SELECT Salary  INTO P_Salary FROM Worker WHERE Worker_Id=N_Worker_Id;
END $$
DELIMITER ;
SET @salary=0;
CALL Find_salary(1,@salary);
SELECT @salary;
```

Result Grid

@salary
50000

Result 4

Read Only

Output

. File 20* | SQL Assignment 7 | to do 13-11-24 | view | user defined 18-11-24* | stored procedure 1* | SQL File 28* | SQL Assignment 8 | stored procedue 20-11-24 | SQL Assignment 6 | SQL Assignment 9*

3

```
-- Create a stored procedure that takes in IN parameters for WORKER_ID and DEPARTMENT. It should update the department of the worker with the given ID. Then make a procedure c

DELIMITER $$
CREATE PROCEDURE Update_Worker_Department (
    IN N_Worker_Id INT,
    IN N_Department CHAR(25)
)
BEGIN
    UPDATE Worker SET Department = N_Department WHERE Worker_Id = N_Worker_Id;
END $$
DELIMITER ;
CALL Update_Worker_Department(1, 'HR');
SELECT * FROM Worker;
```

Result Grid

Worker_Id	FirstName	LastName	Salary	JoiningDate	Department
1	Archana	Anil	50000	2024-11-26 10:30:00	HR

Worker 7

TASK AND RESULTS

4

```
47
48  -- Write a stored procedure that takes in an IN parameter for DEPARTMENT and an OUT parameter for p_workerCount. It should retrieve the number of workers in the given departmer
49
50
51  DELIMITER $$
52  CREATE PROCEDURE Get_WorkerCount_Department (IN p_Department CHAR(25),OUT p_workerCount INT)
53  BEGIN
54      SELECT COUNT(*) INTO p_workerCount FROM Worker WHERE Department = p_Department;
55  END $$
56  DELIMITER ;
57  SET @workerCount=0;
58  CALL Get_WorkerCount_Department('HR', @workerCount);
59  SELECT @workerCount;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

@workerCount
1

5

```
60
61  --  Write a stored procedure that takes in an IN parameter for DEPARTMENT and an OUT parameter for p_avgSalary. It should retrieve the average salary of all workers in the give
62
63  DELIMITER $$
64  CREATE PROCEDURE Avg_Salary_Department (IN p_Department CHAR(25),OUT p_avgSalary DECIMAL(15, 2))
65  BEGIN
66      SELECT AVG(Salary) INTO p_avgSalary FROM Worker WHERE Department = p_Department;
67  END $$
68  DELIMITER ;
69  SET avgSalary=0;
70  CALL Avg_Salary_Department('HR', @avgSalary);
71  SELECT @avgSalary;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

@avgSalary
50000.00

Result 9 | Read On