

## Stored Procedure to Add a New Record

```
33      IN p_Department CHAR(25)
34  )
35  BEGIN
36      INSERT INTO Worker (Worker_Id, FirstName, LastName, Salary, JoiningDate, Department)
37      VALUES (p_Worker_Id, p_FirstName, p_LastName, p_Salary, p_JoiningDate, p_Department);
38  END //
39
40  DELIMITER ;
41 • CALL AddWorker(11, 'John', 'Doe', 50000, '2024-11-01 10:00:00', 'HR');
42 • select * from worker;
```

Result Grid

Worker_Id	FirstName	LastName	Salary	JoiningDate	Department
8	Emma	White	75000	2017-12-05 09:30:00	Marketing
9	Daniel	Moore	59000	2021-04-20 13:30:00	HR
10	Sophia	Clark	63000	2020-05-30 15:45:00	Finance
11	John	Doe	50000	2024-11-01 10:00:00	HR

## Stored Procedure to Retrieve Salary

```
49  )
50  BEGIN
51      SELECT Salary INTO p_Salary
52      FROM Worker
53      WHERE Worker_Id = p_Worker_Id;
54  END //
55
56  DELIMITER ;
57 • CALL GetSalary(3, @Salary);
58 • SELECT @Salary AS WorkerSalary;
59 • EXECUTE IMMEDIATE WHERE Worker_Id = 3;
```

Result Grid

WorkerSalary
55000

## Stored Procedure to Update Department

```
76      WHERE Worker_Id = p_Worker_Id;
77  END //
78
79  DELIMITER ;
80
81 • CALL UpdateDepartment(1, 'Finance');
82 • SELECT *
83   FROM Worker
84   WHERE Worker_Id = 1;
85
```

Result Grid

Worker_Id	FirstName	LastName	Salary	JoiningDate	Department
1	John	Doe	50000	2020-01-15 09:00:00	Finance

## Stored Procedure to Count Workers in a Department

```
92      SELECT COUNT(*) INTO p_WorkerCount
93      FROM Worker
94      WHERE Department = p_Department;
95  END //
96
97  DELIMITER ;
98 • CALL GetWorkerCount('Finance', @WorkerCount);
99 • SELECT @WorkerCount AS WorkerCount;
100 • CALL GetWorkerCount('IT', @WorkerCount);
101 • SELECT @WorkerCount AS WorkerCount;
```

Result Grid

WorkerCount
2

## Stored Procedure to Calculate Average Salary

```

109     SELECT AVG(Salary) INTO p_avgSalary
110     FROM Worker
111     WHERE Department = p_Department;
112 END //
113
114 DELIMITER ;
115 • CALL GetAverageSalary('Finance', @AverageSalary);
116 • SELECT @AverageSalary AS AverageSalary;
117
118

```

Result Grid

AverageSalary
59000.00