

## GSF2A3U\_V17 Skilaverkefni 3

**Due date: 18-04-2018**

1- Create database called your\_kenetala\_company, use company.SQL file locate in inna.

Suppose we want to keep track of the total salaries of employees working for each department

2- Create new table call deptsal as shown in the bellow.

```
mysql> select * from deptsal;
```

dept_no	totalsalary
1	0
2	0
3	0
4	0

```
4 rows in set (0.00 sec)
```

3- Follow the steps to update the total salaries of employees for each department.

### **Step 1:**

Change the delimiter (i.e., terminating character) of SQL statement from semicolon (;) to something else (e.g., //)

So that you can distinguish between the semicolon of the SQL statements in the procedure and the terminating character of the procedure definition

**Step 2:**

1. Define a procedure called updateSalary which takes as input a department number.
2. The body of the procedure is an SQL command to update the totalsalary column of the deptsal table.
3. Terminate the procedure definition using the delimiter you had defined in step 1 (//)

**Step 3:** Change the delimiter back to semicolon (;)**Step 4:** Call the procedure to update the totalsalary for each department**Step 5:** Show the updated total salary in the deptsal table

- 4- Write an SQL statement to display the list of stored procedures
- 5- Write an SQL to remove the stored procedure
- 6- Write an SQL statement that resets the totasalary to zero?
- 7- Suppose we want to update all the rows in deptsal simultaneously, using while loop write, create an SQL procedure that updates all the rows?
- 8- Create a stored procedure that updates all the rows simultaneously, using cursors?
- 9- Create a procedure that will raise the salary of all employees by 10% ?.

Abdel

