

CS 440
Assignment 6
Due Monday, Mar 9, 2015

We wish to write a report that details the departments, employee salaries by department, total salaries and average salaries for each department. We also want the total and average salaries for the company. The report format is:

```
Monday, March 9, 2015

Regal Lager

More than a Great Brew - a Palindrome

Departmental Salary Report

Department: Research
  Jones $1,234.45
  Smith $2,345.67
  ...
Total Research salary:  $23,345.67
Average Research salary: $1,234.56

Department: Finance
  ...

Company Salaries:
Total Regal Lager salary: $230,347.67
Average Regal Lager salary: $1,432.57

End of Report
```

Assignment:

Write a procedure, called `Salary_Report`, having no parameters that will generate this report. Since I will likely test your actual code, you will need to install your code on the systems server, give user `ramorehead` execute privileges on your procedure with the command:

```
grant execute on Salary_Report to ramorehead;
```

and provide user ramorehead with select privileges on your Emp & Dept tables. Submit a listing of your source code and a spooled session where you run the report. BE SURE TO WRITE YOUR DATABASE USER NAME (AKA MYID) ON YOUR SUBMISSION.

Notes:

1. Be sure to set serveroutput on with:

```
SQL> set serveroutput on format truncated
```

2. SQLPlus is a little clunky for centering. The problem is, the document is created on the server and then sent to SQLPLUS, so at creation, there is no knowledge of a length of line or “centering”. If you set the line width, you will be able to devise an algorithm to center your output.

```
SQL> set line 140
```

3. The date on the report is the **date on which the report is run**.
4. Make sure that your Emp and Dept tables have the original data in them.