# Data Centric RAD

## Lab 4 MySQL Review II

### Part 1

* Get employee\_kin.sql from Moodle.
* Import it into MySQL as described in Lab 1 Exercises.
* use employee\_kin;
* Display the Employee Name and Next of Kin name of ALL employees.

select e.ename,k.NOK\_Name

from employee\_table e

Left Join next\_of\_kin\_table k

on e.NextOfKin = k.NOK\_ID;

* Display the Employee Name and Next of Kin name only of employees who have a Next of Kin.

select e.ename,k.NOK\_Name

from employee\_table e

Inner Join next\_of\_kin\_table k

on e.NextOfKin = k.NOK\_ID;

* Display the Employee ID as ‘Employee ID’, the Employee Name as ‘Employee Name’ and the Employee Salary as ‘Employee Salary’ for all employees.

select e.eid as 'Employee ID',e.ename as 'Employee Name',

s.salary as 'Employee Salary'

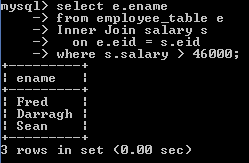
from employee\_table e

Left Join salary s

on s.eid = e.eid;

* Display the Employee Name as ‘Employee Name’ and the Next of Kin’s phone number as ‘Emergency Contact’ only for employees with a Next of Kin.
* Display the Next of Kin’s name as ‘NOK Name’ and the salary of the associated employee as ‘Associated Salary’ for next of kins.

* Display the Employee Name as ‘Employee’, his salary as ‘Salary’, and his next of Kin’s phone number as ‘Emergency Contact’ for ALL employees.
* Rewrite the following query that uses Inner Joins as a Subquery.



### Part 2

* Get employeesDB14.sql from Moodle.
* Import it into MySQL as described in Lab 1 Exercises.
* use employeesDB14;
* Display the employee name as ‘Name’ and department location as ‘Location’ of the employee 7566.
* Display the name, job and hiredate of all employees in department 20.
* Display the employee number, employee name, job, department number and department location of all employees.
* Display the Customer ID, Name, Address, City and State of all customers who bought the *RH: "GUIDE TO TENNIS"* product.

### Part 3

* Get studentDB3.sql from Moodle.
* Import it into MySQL as described in Lab 1 Exercises.
* Show the Student Name, and whether or not he/she attends an NUI university.
* Show college name and the number of students attending each college as ‘Attending Students’.
* Show the college name and the population of the county where the college is.
* Show the Student name, the course he/she is doing, the name of the college they are attending, and the main town and population of the county in which the college is.
* Show the Names of the students doing the longest course: