Oracle Apex *"Hands-On Lab"*

1. **RDBMS** Concept:

   Create a table named "hr_employees" with the following columns:

   emp_id (numeric, primary key)

   first_name (string)

   last_name (string)

   email (string)

   hire_date (date)

   salary (numeric)

   photo

   department_id (numeric, foreign key to department_id in " hr_departments" table)

   Hint: Use the SQL Workshop in Oracle Apex to create table.

2. **UI** Concept:

   Create a master detail custom concept using " hr_departments " & " hr_employees" table.

3. **Programming** in Application Express:

   a) Please insert data on database using ajax programming.

   b) Create a classic report in Oracle Apex that displays employee data from the " hr_employees" table. Add a checkbox item to each row in the report so that multiple employees' salaries can be updated at once. <mark>Multi filter by emp_id using apex popup lov item</mark>.

      "Using AJAX for that update process"

   C) Please create a history table to populate data when the employee's salary updated. Also fetch data on **plsql dynamic content report**.