

Offline Assignment 2

Solve all the following query problems using **MySQL** and **HR Schema**:

1. Show the 4th senior most employee id from the job history table.
Here, experience = end_date – start_date
2. Show the top 5 lowest gross salary holder employees first name and gross salary.
Here, gross salary = salary+salary*commission_pct
3. Show those location details whose
street_address contains the word 'Rd' or 'St' and
country_id is either 'IT' or 'JP' or 'US' and
postal code is within the range 1000 to 20000 inclusive.
4. Show all the employees first name, email and manager id. Show the output in ascending order of manager id. If multiple employees have the same manager id then also sort them from junior to seniority level.
5. Suppose you are receiving the date data from your software in "1987, Jun 01 11:20 AM" format.

Now you want to show only those employees

EMPLOYEE_ID,

Short name (format: 1st letter of first name in uppercase followed by last letter of first name in lowercase followed by a hyphen followed by 1st letter of last name in uppercase followed by last letter of last name in lowercase),

EMAIL (format: abcd@gmail.com that is add '@gmail.com' with every email address) left pad the email address with the character <SPACE> so that total no of characters in all the email address becomes 25,

Total Salary (rounded upto 4 decimal points, total salary=salary*(1+commission_pct)),

Total Experience (format: 10 years, 2 months and 5 days only),

Expected Retirement Date (format: add 35 years with the given hire date)

who is **hired after** the provided date that is "1987, Jun 01 11:20 AM".

Note>> to convert the date "1987, Jun 01 11:20 AM" to standard format, use **STR_TO_DATE** function, you can't directly use '1987-06-01 11:20:00' format.