

We have mainly Five tables in our database.

1. Employee
 - a. emp_id
 - b. emp_name
 - c. emp_type (1=Jr Developer, 2= Sr Developer, 3= Group lead, 4= Project Manager)
 - d. emp_joining_date
 - e. emp_monthly_salary
 - f. emp_gender (1= Male, 2=Female)
 - g. emp_status (1=active, 2=Inactive)
2. Attendance
 - a. att_id
 - b. emp_id
 - c. att_date
 - d. att_status (A,P)
3. Salary
 - a. sal_id
 - b. emp_id
 - c. sal_net_amount (Actual salary)
 - d. sal_date
 - e. sal_paid_amount (Salary paid by organization excluding all type of tax or unpaid leave etc)
4. Review
 - a. review_id
 - b. emp_id
 - c. review_date
 - d. review_rating (1 to 5)
5. Project
 - a. project_id
 - b. project_name
 - c. project_location
 - d. Project_description
6. Works on
 - a. project_id
 - b. emp_id
 - c. hours

Q1: Find total number of employees in each employee type
emp_type, No of employee

Q2: Write a query to find below listed result
emp_name, total_present_days, total_absent_days

Q3: Find number of absent days within last 15 days. If absent_days_count is more than 8 then return "red" in display_status otherwise "green"

emp_name, absent_days_count, display_status

Q4: Find total paid salary, yearly_deduction(sal_net_amount - sal_paid_amount) by organization within last year for each employee

emp_name, total_paid_salary, yearly_deduction, emp_type

Q5: Find second highest total salary paid by organization within last year

emp_name, amount

Q6: Organization wants to declare employee of the month based on below criteria

1. Not a single leave taken by employee in last month
2. Employee having highest review in last month

Emp_name

Q7: Find a list of employee having last month salary belongs to below criteria using single query

1. Less than 10000
2. Between 30000 to 40000
3. More than 75000
- 4.

Q8: Find a list of employee having different amount of salary in last two months.

emp_name, salary_diff_in_last_two_month

Q9: Query to count how many "Male" employees are there in a department or in a company.

Q10: Create procedure which will take Date/Month-Year as argument and will generate Attendance Report for each employee for entered month.

Q11: Execute the procedure above made whenever a row of the table is about to be updated.

Q12: Retrieve the names of employees who work on every project.

Q13: Retrieve the names of employees who do not work on any project.

Q14: Find details of those employees whose salary is > the average salary for all employees in his/her department. Output salary in ascending order.

