We have mainly Five tables in our database.

1. Employee
   1. emp\_id
   2. emp\_name
   3. emp\_type (1=Jr Developer, 2= Sr Developer, 3= Group lead, 4= Project Manager)
   4. emp\_joining\_date
   5. emp\_monthly\_salary
   6. emp\_gender (1= Male, 2=Female)
   7. emp\_status (1=active, 2=Inactive)
2. Attendance
   1. att\_id
   2. emp\_id
   3. att\_date
   4. att\_status (A,P)
3. Salary
   1. sal\_id
   2. emp\_id
   3. sal\_net\_amount (Actual salary)
   4. sal\_date
   5. sal\_paid\_amount (Salary paid by organization excluding all type of tax or unpaid leave etc)
4. Review
   1. review\_id
   2. emp\_id
   3. review\_date
   4. review\_rating (1 to 5)
5. Project
   1. project\_id
   2. project\_name
   3. project\_location
   4. Project\_description
6. Works on
   1. project\_id
   2. emp\_id
   3. 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

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.