

SYSTEM TASK FOR INTERVIEW

PART - A

1. Create Yii2 (Basic/Advanced) Project
2. Create MYSQL DB
3. Create a "USER" table with following columns
 - User Id (PK Number)
 - First Name (String)
 - Last Name (String)
 - email_id (String)
 - password (String)
 - user type id (FK Number)
 - department id (FK Number)
4. Create "USER ACCOUNTS" table with columns
 - User Id (FK Number)
 - Payable Salary (Float)
 - Basic Salary (Float)
 - Tax Value (Float)
5. Create "USER TYPE" table with columns
 - User type id (PK Number)
 - User type name (String)
 - Basic Salary (Float)
6. Create "DEPARTMENT" table with columns
 - Department Id (PK Number)
 - Department Name (String)
 - Commission Percentage (Number)
 - Allowance Payable (Float)
 - Last Month Deduction (Float)
7. Create Table "Payable Salary Tax Charge" with below columns
 - Payable Tax Charge Id (PK Number)
 - Payable Salary Upto (Float)
 - Tax percentage Value (Number)

PART B:

1. Create/Update user calculate payable salary amount using the below formula:
 - Payable Salary = basic_salary + commission percentage on basic_salary + allowance payable - Last Month Deduction
 - Tax Value = Payable Salary * Percentage of Tax percentage Value
2. Write **programmatic code** and **MySQL Stored Procedure** to save the value into user accounts table
3. Create Table View For user accounts table with the following column name:

First Name
Last Name
Payable Salary
Basic Salary
Tax Value
Last Month Deduction
Employee Type Name
Department Name

4. Create and Use MySQL View to achieve above scenario