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| **Inserting a record**  The XYZ LTD Company hires employees and wants to computerize employee-salary record maintenance. The company maintains a database of employees in Oracle. The employee table contains information related to employee and is shown in the following employee table structure.   |  |  |  | | --- | --- | --- | | **Column Name** | **Type** | **Constraint** | | Ecode | Number (4) | Primary Key | | Ename | Varchar (20) | Not Null | | Designation | Varchar (4) | Not Null | | Age | Number (2) | Not Null | | Basic\_Pay | Decimal (8,2) | Not Null |     When a new employee joins the company, the employee record is created in the employee table. The valid employee details are as follows:  • Ecode: Valid value is a 4-digit number  • Ename: Valid value can contain maximum 20 letters in uppercase  • Designation: Valid value is one of these - SE, SSE, SS, SSS  • Age: Must be in the range >=18 and <=80  • Basic\_Pay: Must be greater than or equal to 6000  Write a Java program to insert some records to the table  Note: In the same application we are going to implement the further assignments. So deisgn your application so that all the changes can be accomodated easilt. On executing the application it should display a menu of options to the user, from which the user can select a particular option and perform the required operation |
| **Deleting a record**  When an employee leaves the company, the record related to that employee needs to be deleted from the employee table.  Upon deletion the employee details must be stored in another table named employeeLog which will maintain the details such as Employee Code, Employee Name, Designation, Last drawn salary, and Leaving\_date. |
| **Modification of employee record**  When a change in the designation or basic pay of an employee occurs, a respective change in the employee record needs to be updated.  If the details of an employee gets modified, then a log needs to be maintained in an updateLog file which will maintain the modification\_id, date\_of\_modification, and details of the modifications done. |
| **Display of employee details**  The program should have facility using which you’ll be able to display the details of all the employees as well as one employee |
| **Creation of a salary slip for the employee**  At the end of each month, the salary calculation is done for the employee. The rule for calculating the salary is as follows:  DA = 20% of Basic\_Pay  HRA = 10% of Basic\_Pay  Salary = Basic\_Pay + DA + HRA  The salary slip is provided to the employee by generating the salary slip file.The Salary slip format (for example: For Employee with Ecode 5085) is as follows:    **XYZ Limited**  **Date: 08-Jun-2017**  **Employee Code: 5085**  **Employee Name: Sriram**  **Employee Designation: SS**  **BASIC: 6000**  **HRA: 600**  **DA: 1200**  **Salary = 7800** |