

Precondition - Oracle database engine and SQL developer is installed.

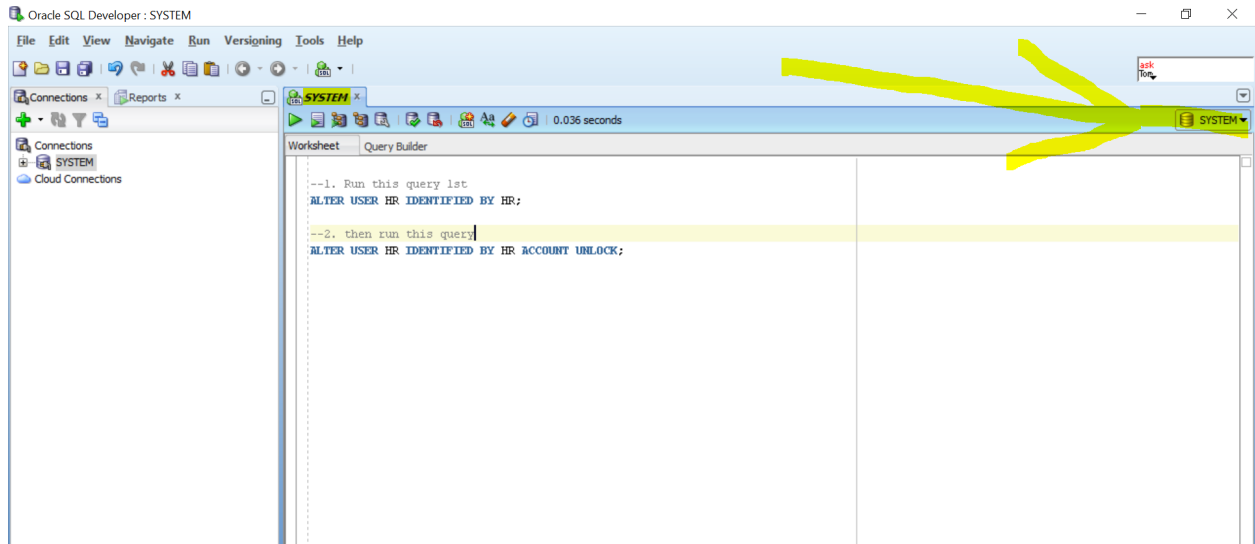
Step 1: Open SQL editor with the system user.

Step 2: Run this query -- > ALTER USER HR IDENTIFIED BY HR.

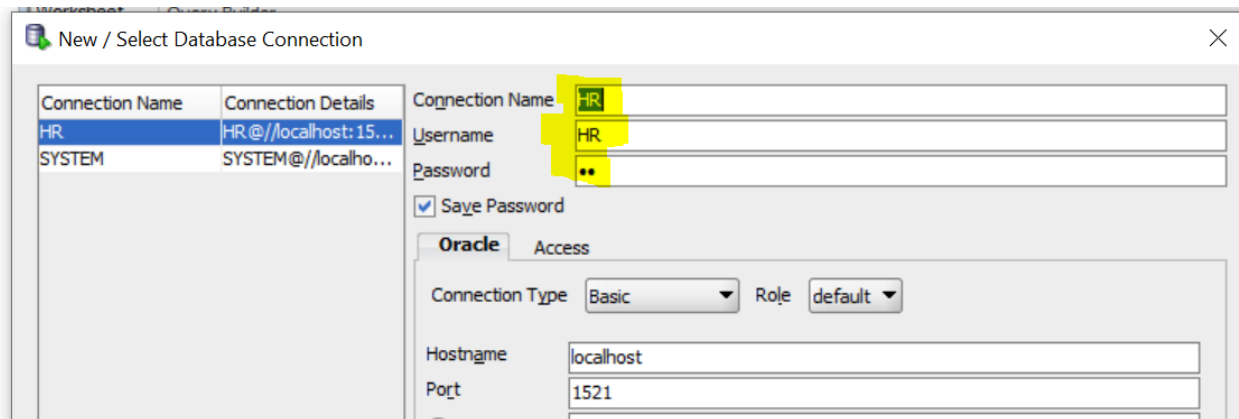
Step 3: Run this query -- > ALTER USER HR IDENTIFIED BY HR ACCOUNT UNLOCK.

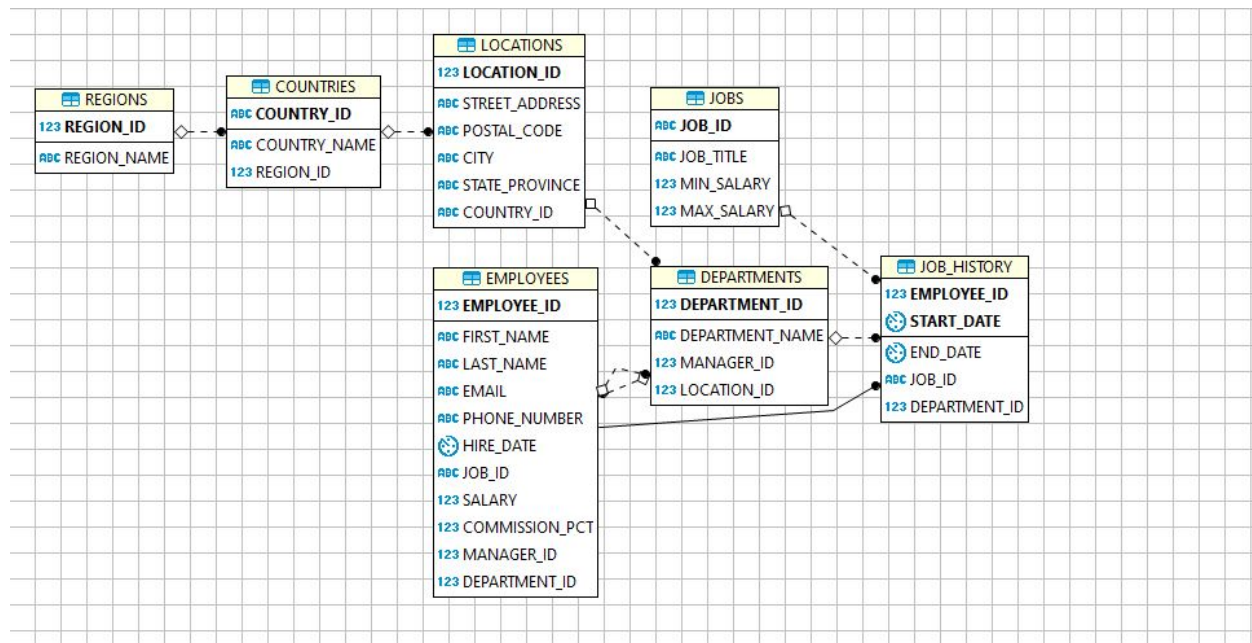
Step 4: Create a connection with Username - **HR** and Password - **HR**

Step 1,2,3 :



Step 4 :





HRDB ER- Diagram

Questions:-

SQL Question Set 1:

- 1) Display employees having salary is equal to 7000.
- 2) Display employees having salary less than 2400 and hiring year greater than 2005.
- 3) Display all employees in IT or Accounting department.
- 4) How to display employees whose salary between 1500 and 2500 without using between operators?
- 5) Display employees whose COMMISSION_PCT is other than 0.10.
- 6) Delete employees from department Purchasing and salary less than 2500.
- 7) Display first name last name and salary of an employee who is having max salary.
- 8) What is the Query to fetch last record from the employees table?
- 9) What is the Query to fetch first record from Employee table?
- 10) What is Query to display last 5 Records from Employee table?

- 11) Display Odd rows in Employee table
- 12) Display Even rows in Employee table
- 13) Display total count of Employees.
- 14) Display department Wise total count of Employees.
- 15) Display region Wise total count of Employees.

SQL Question Set 2:

- 16) Display the list of employees having first name 'David' or 'Diana' without using like, in and or operators.
- 17) Display employee id, employee full name in one column and his/her Manager id Manager full name in another column. e.g. |Employeeid-Name||Managerid-Name|
- 18) Display department name having sum of employees salary is greater than 2500 and employees count is less than 10
- 19) Write SQL query to update all employees' salary by 10%.
- 20) Write SQL query to update employees' salary by 15% and Region of employees should be Asia.
- 21) Write SQL query to create the EMPLOYEES_1 table, which is exact replica of EMPLOYEES table
- 22) Write SQL query to find current experience of employees.
- 23) Write a query to display list of employees having salary greater than Max salary define for respective JOB_ID.

24) Write a query to count number of rows in table without using count function?

25) Write a query to display department-wise max salary.

Output columnsà EMP_ID, FIRST_NAME, SALARY, DEPARTMENT

26) Write a query to display department-wise 2nd max salary.

Output columns EMP_ID, FIRST_NAME, SALARY, DEPARTMENT

27) Write a query to display EMPLOYEES having ID 101,102,103 as per below order:

1. 101

2. 103

3. 102