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1  -- Create a New Database
2  Create Database TEST
3
4  -- Switch to the Newly Created Database
5  Use TEST;
6
7  -- Update the Data Types for Date Columns in the EMP Table
8  Alter Table EMP
9  Alter Column DOB Date;
10
11 Alter Table EMP
12 Alter Column DOJ Date;
13
14 -- View the Records in the EMP and EMP_SAL Tables
15 Select * From EMP;
16 Select * From EMP_SAL;
17
18 -- Assignment 6
19
20 -- 1) Create the View for Employee Salarie Details
21 Create View EMP_SAL_DETAILS
22 As
23 Select EMP.EID, NAME, DOJ, DEPT, DESI,
24        SALARY As BASIC,
25        (SALARY*0.15) As HRA,
26        (SALARY*0.9) As PF,
27        (SALARY + SALARY*0.15 + SALARY*0.9) As NET,
28        ((SALARY + SALARY*0.15 + SALARY*0.9) - (SALARY*0.9)) AS GROSS
29 From EMP
30 INNER JOIN EMP_SAL
31 ON EMP.EID = EMP_SAL.EID;
32
33 -- Display the Data in EMP_SAL_DETAILS View
34 Select * From EMP_SAL_DETAILS;
35
36 -- 2) Create the View For Managers Details
37 Create VIEW Manager
38 As
39 Select EMP.EID, NAME, DOJ, DESI, DEPT
40 From EMP
41 INNER JOIN EMP_SAL
42 ON EMP.EID = EMP_SAL.EID
43 Where DESI = 'Manager' AND Year(DOJ) = 2019;
44
45 -- Display the Data in Manager View
46 Select * From Manager;
47
48 -- 3) Create the VIEW TO How Many Team Members are There in Each Departments  ➤
    City wise, There Total & Average Salary
49 Create VIEW Team_Member_Count
50 As
51 Select CITY, DEPT,
52        Count(EMP.EID) As TEAM_MEMBER,
53        Sum(SALARY) As TOTAL_SAL,
54        Avg(SALARY) As AVERAGE_SAL
55 From EMP
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56 INNER JOIN EMP_SAL
57 ON EMP.EID = EMP_SAL.EID
58 Group By CITY, DEPT;
59
60 -- Display the Data in Team_Member_Count View
61 Select * From Team_Member_Count;
```