

SQL Project on DDL , DML Statement with following instructions .

Project name: Employee Management Database Management.
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Create a folder name it by your ID. Create 2 scripts one for DDL statements and another for DML statements and name both by your ID+ statement type (such as 12345_DDL, And 12345_DML)

Read the following report:

Project Code	Project Title	Employee Code	Employee Name	Project Budget	Dept. Code	Department	Hourly Rate
PC01	Pensions System	S1000	Allen Smith	800000	L004	IT	220.00
PC01	Pensions System	S1003	Lewis Jones	800000	L023	HR	180.50
PC01	Pensions System	S2101	Prince Lewis	800000	L004	IT	210.00
PC04	Salary System	S1001	Barbara Jones	900000	L004	IT	210.00
PC04	Salary System	S1000	Allen Smith	900000	L004	IT	180.00
PC04	Salary System	S3100	Tony Gilbert	900000	L023	HR	25.00
PC04	Salary System	S1321	Frank Richo	900000	L008	Pay Roll	170.00
PC06	HR System	S3100	Tony Gilbert	600000	L023	HR	230.00
PC06	HR System	S2101	Prince Lewis	600000	L004	IT	170.00
PC06	HR System	S1003	Robert Jhon	600000	L009	Sales	160.00

1.Create a 3NF database and tables by writing sql script as follows:

Database Name: ProjectDB, Data File Name: ProjectDB_Data_1, Log File Name: ProjectDB_Log_1, Location: default database file location, Size (data file: 25mb, log file: 2mb), Maximum size (data file: 100mb, log file: 50mb), File growth (data file: 5%, log file: 1mb)

2. Insert all records into tables writing script.
3. Write a delete query for any one table of your project.
4. Write an update query for any one table of your project..
5. Write a script to delete a table.
6. Write a script to delete a column.
7. Write a join query to retrieve Art information using Group By and Having Clause
8. Write a sub-query to show all the information of **Project HR System**
9. Create a view to show all the information in a meaning full order
10. Create stored procedures to insert, update, delete data for any one of the table of your database and show use of output parameter.
11. Create a Clustered Index And Non-Clustered Index in any one of the table
12. Create a Scalar Function and Table valued Function
14. Create trigger on Insert, update, delete of any one table of you database.
15. Use statement of transaction in your script.
16. Show process of handling error.
17. Create a CTE.
18. Create a simple Case and a Search Case
19. Create a Cursor to insert data into any one table of you database.
20. Show use of Convert, CAST, IIF, Choose, ISNULL, COALESCE, and RANKING Functions.
21. Create two tables and Merge data from these tables into another table.

