Case Study Of **Student Management**

**Data Definition Language(DDL)Files:**

**1.** Create a 3NF database which will have following Data with a Data File and a Log File by writing SQL script as follows :Database name:

TSPDB, Datafile name : TSPDB \_Data\_1 , LogFile Name: TSPDB \_Log\_1, Location: Default Database file location, Size(Datafile : 25 MB ,

LogFile: 2 MB), Maximum Size(Datafile : 100 MB , LogFile: 25 MB), File Growth (Datafile : 5% , LogFile: 1%).

**2.**Creating Table,

**3**.Creating sequence,

**4**.Drop Sequence,

**5**.Creating Procedure with Calling,

6.Creating View with ENCRYPTION,SCHEMABINDING

**7.** Scalar function with Calling,

8.Creating Table valued with Calling,

9.Creating Multi-statement function

10. PROCEDURE TRIGGER FUNCTION,

11.Creating TRIGGER with Calling,

**Data Manipulation Language (DML):**

1. **top5,**
2. join Query,
3. Between and AND Operation,
4. Like(Selectted Word),
5. like(Selected alphabets),
6. Like Operator,
7. Like(Not in)Operator,
8. Offset-Fetch,
9. Aggregate function,
10. Rollup Operator,
11. Cube Operator,
12. Grouping Sets Operator,
13. Over Clause
14. Subquery
15. Any Operator
16. All Operator
17. Some Operator
18. EXISTS Operator
19. Common Table Expression(CTE)
20. Insert Into
21. Delete From
22. Select Into
23. CAST
24. CONVERT
25. TRY\_CONVERT
26. DATEDIFF
27. DATEADD
28. CASE
29. Search case
30. IIF
31. CHOOSE
32. ISNULL
33. COALESCE
34. ROW\_NUMBER
35. RANK
36. DENSERANK
37. NTILE
38. FIRST\_VALUE
39. LAST\_VALUE
40. LEAD
41. LEG
42. CUME\_DIST
43. Insert Into