

SQLServer

Lab

1. Create a cursor for Employee table that increases Employee salary by 10% if Salary <3000 and increases it by 20% if Salary >=3000. Use company DB
2. Display Department name with its manager name using cursor. Use ITI DB
3. Try to display all students first name in one cell separated by comma. Using Cursor
4. Create full, differential Backup for SD DB.
5. Use import export wizard to display students data (ITI DB) in excel sheet
6. Try to generate script from DB ITI that describes all tables and views in this DB
7. Create a sequence object that allow values from 1 to 10 without cycling in a specific column and test it.

Part2: What is the difference between the following objects in SQL Server

1. batch, script and transaction
2. trigger and stored procedure
3. stored procedure and functions
4. drop, truncate and delete statement
5. select and select into statement
6. local and global variables
7. convert and cast statements
8. DDL,DML,DCL,DQL and TCL
9. For xml raw and for xml auto

10. Table valued and multi statement function
11. Varchar(50) and varchar(max)
12. Datetime, datetime2(7) and datetimeoffset(7)
13. Default instance and named instance
14. SQL and windows Authentication
15. Clustered and non-clustered index
16. Group by rollup and group by cube
17. Sequence object and identity
18. Inline function and view
19. Table variable and temporary table
20. Row_number() and dense_Rank() function