Use AdventureWorks2012 database:1. Create an index on column (Hiredate) that allows you to cluster  
 the data in the table Department. What will happen?  
2. Create an index that allows you to enter unique ages in the  
 student table. What will happen?  
3. Create a non-clustered index on column(Manager\_hiredate)  
 that allows you to enter a unique instructor id in the table  
 Department.

4.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

5.Display Department name with its manager name using cursor. Use ITI DB

6.Create full, differential Backup for  Company\_SD DB.

7.Use import export wizard to display students data (ITI DB) in excel sheet (self study)

8.Try to generate script from DB ITI that describes all tables and views in this DB

9.Create job for backup ITI DB every day at 12:00PM

10.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 statemcent function
11. Varchar(50) and varchar(max)
12. Datetime(3), 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 table function and view
19. Table variable and temporary table
20. Row\_number() and dense\_Rank() function