Part - 1

1. Write a Query to retrieve all the databases in SQL Server.
2. Write a Query to Display Text of a Stored Procedure, Trigger, or View in SQL Server.
3. Write a Query to find size of Database Table in SQL Server
4. Write a Query to list Primary Key and Foreign Key for a particular table in SQL Server.
5. Write a Query to Get the version name of SQL Server.
6. Write a Query to Get current Language of SQL Server.
7. Write a Query to Return Server Name of SQL Server.
8. Write a Query to disable and enable All Trigger of a table in SQL Server.
9. Write a Query to get all the table that don't have Primary Key.
10. Write a Query to get First Date of Current Month.

Part – 2

Department (DepartmentID Int Primary Key, DepartmentName Varchar (100) Not Null Unique **)**

Employee (EmployeeID Int Primary Key, FirstName Varchar (50) Not Null, LastName Varchar (50) Not Null, Age Int Not Null, DepartmentID Int Null Foreign Key **)**

From the above given tables perform the following queries:

1. Create a simple view BasicEmpInfo that displays information of employees including EmployeeID, FirstName, LastName and Age.
2. Create a complex view that shows the department wise employee count.
3. Create a stored procedure that retrieves employee information based on the department name.
4. Create a scalar-valued function that calculates the average age of employees in a specific department.
5. Create a table-valued function that retrieves all employees from a specific department.
6. Create a complex view that shows the employees information along with their age whose department is IT and age is more than 25.
7. Create a stored procedure that displays information of top 3 employee with their department name.
8. Create scalar-valued function that counts total number of employees works in IT department.
9. Create table-valued function that shows employees whose name start with A to R and department name is HR.
10. Create a complex view that displays employee count having no department.
11. Create a stored procedure that displays department information having no employees.
12. Create a cursor that finds the employee with an age of above 30 and prints their information.
13. Create a trigger that automatically assigns a default department when a new employee is inserted with a 'NULL' department.
14. Create a cursor that updates the salaries of employees based on their age. For example, increase the salary by 10% for employees aged 30 or below and by 5% for employees aged above 30.
15. Write a Query to throw an exception if duplicate department name inserts in department table.