SQL Assessment

1. Create a database 'CompanyDB'.
2. Create a table '**Departments'** and insert records as shown in figure below.

Id	DepartmentName	Location	DepartmentHead
1	IT	London	Rick
2	Payroll	Delhi	Ron
3	HR	New York	Christie
4	Other Department	Sydney	Cindrella

Id is primary key and must auto increment from 1.

3. Create a table '**Employees' as** shown in figure below.
Here **ID** is a primary key and must auto increment from 1. '**DepartmentId'** column is a foreign key to '**Id**' column in '**Departments'** table.
Salary column(int) must be greater than 2500.
Insert the following records as shown in figure below.

ID	Name	Gender	Salary	DepartmentId
1	Tom	Male	4000	1
2	Pam	Female	3000	3
3	John	Male	3500	1
4	Sam	Male	4500	2
5	Todd	Male	2800	2
6	Ben	Male	7000	1
7	Sara	Female	4800	3
8	Valarie	Female	5500	1
9	James	Male	6500	NULL
10	Russell	Male	8800	NULL

4. Create a stored procedure whose output is

Name	Gender	Salary	DepartmentName
Tom	Male	4000	IT
Pam	Female	3000	HR
John	Male	3500	IT
Sam	Male	4500	Payroll
Todd	Male	2800	Payroll
Ben	Male	7000	IT
Sara	Female	4800	HR
Valarie	Female	5500	IT

5. Create a stored procedure whose output is

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Sara	Female	4800	HR
Valarie	Female	5500	IT
James	Male	6500	NULL
Russell	Male	8800	NULL

6. Create a stored procedure which retrieves total salary by gender.
7. Create a stored procedure which retrieves total salary by DepartmentName.
8. Create a stored procedure to update salary of an employee. This stored procedure must accept two parameters (Id of employee & salary to be updated.).
9. Create a stored procedure to delete an employee based on ‘Id’ passed as input parameter.
10. Create a stored procedure which retrieves the total employees by DepartmentName.

Note: Make sure that the DB scripts are in proper order.