Assignment no. 02-a

1. Create following tables using given schema and insert appropriate data into these tables.
Student(StudID, Name, Address, Marks)
Employee(EmplyeeID, Name, Address, Salary, DateOfJoining ,Department)
Weather(CityID, CityName, MinTemp, MaxTemp)
2. Alter Student and Employee table to add Not Null constraint on all columns.
3. Alter the Student table to add Primary key constraint on StudID column.
4. Create a view JoiningInfo on Employee table displaying Employee ID, Name and DateOfJoining of employees.
5. Crete index on primary key columns of all the tables.
6. Crate view MarksInfo on Student table displaying StuID and Marks.
7. Change the name of Weather table to WeatherData.
8. Drop column CityName from WeatherData table.
9. Add column Grade to Student table.
10. Crate a view "DistinctionStudents" on student table displaying data of students having Distinction as Grade.
11. Create a sequence on StudID in student table.
12. Create a synonym 'Emp_Info' for Employee table.

Assignment no. 02-b

Create the Employee table using following schema
Employee (Employee_id, First_name, Last_name, Salary, Joining_date, Department,)
1. Insert 10 to 15 appropriate records in the Employee table.
2. Get First_Name,Last_Name from employee table
3. Get unique DEPARTMENT from employee table
4. Get FIRST_NAME ,Joining year,Joining Month and Joining Date from employee table
Select FIRST_NAME, year(joining_date),month(joining_date), DAY(joining_date) from EMPLOYEE
5. Get all employee details from the employee table order by Salary Ascending
6. Get all employee details from the employee table whose First_Name starts with A.
7. Update the Salary column by incrementing salary of all employees having salary less than 20000 by 5000.
8. Delete the department of employee no 004.
9. Find department wise minimum salary.
10. Find department wise Average salary in ascending order.
Consider Following Schema
Employee(employee_id, employee_name, City, Company_Name, Salary)
11. Find details of all employees who work for company "IBM" and live in city "Pune".
12. Find names, and cities of all employees who work for "Infosys" or earn more than 30000.
13. Find all employees who are employees of "IBM" and not living in city "Mumbai".
14. Find company wise maximum salary.
15. Find those companies whose employees earn higher salary, than average salary at "IBM".