**Day 3:**

**Assignment 3:**

1. Display name of employees , department name and job name for each employee
2. Display the department name along with no of employees and average salary of that department
3. For each department, find out no. of jobs the employees are assigned to.
4. Check for correctness of the above queries in terms of count, if you want to bring in all entries, how would you achieve the same?
5. Group by the employees based on the first character of employee first name. Display the results in alphabetic order (descending) of first character.
6. Display name of those employees who get a salary more than the average salary
7. Display name of the all the employees who are ‘stock manager’, except the one who gets the minimum salary.
8. Display firstname, lastname, salary of those sales representatives who earns a higher salary than the minimum salary a sales manager receives.
9. Display the name of the employees/employee who gets the second highest salary. (sub query)
10. Come up with the query for previous question using set operators
11. Display the name of the employee (manager) who has the maximum no. of employees reporting to him.
12. Display the name of those employees , who are in the same department as Timothy Gates and gets an salary more than the average salary of all the employees
13. If an employee have spent less than 5 years then he is considered entry level id 5 – 10 then midlevel else a senior employee. Write a query, which will label the employees in either of the above categories
14. Write query to find out any departments that are present in department table but does not have employees
15. Write a query which will display job id , which are present in both job and employee columns
16. Increase salary of each employee of all the department who draws the minimum salary by 100$.

**JOIN QUERIES:**

1. Display name of employees, department name and job name for each employee

2. Display the department name along with no of employees and average salary of that department

3. For each department find out number of jobs the employees are assigned to

4. Check for correctness of the above queries in terms of count, if you want to bring in all entries, how would you achieve the same?

5. Group the employees based on the first character of employee's first name. Display the results in alphabetic order (descending) of first character.

6. Display name of those employees who get salary more than the average salary.