Exp 4:

Aggregate Functions

DDL and DML

Create a table called employee with appropriate constraints:

Create table employee(name varchar2(20),Emp\_id number(4) ,

experience number(2), dept varchar2(10), area varchar2(20),age number(2),salary number(6),join\_month varchar2(10));

1. Insert data values for employee table.
2. Display employee details who have joined in the month of July.
3. Display employee details having experience>10.
4. Display employee details having exp<1 year & belonging to marketing department.
5. Display employee name who is working in marketing & finance department.
6. Display employee details whose name starts with ‘I’.
7. Add a field ‘gender’ and update the details of employee in existing table.
8. Change dept id of employee who is working in HR dept. Eg: If id is 151 change it to 501.
9. Display employee details whose age is in-between 30 & 35.
10. Delete records of employee who belong to ‘General’ department
11. Create a table called department with all details

(Deptname,Dept\_ID,locations,No\_of\_employees)

1. Create a table called project with all details

(Emp\_ID, Dept\_ID, location, total hours)

Aggregate Functions

1. Count the number of employees in Employee table
2. Calculate the average salary of all employees.
3. Print the highest and lowest salary of employees.
4. Count the number of employee who are working in Finance department
5. Count the number of different cities from employee relation

6. Find the average salary of Finance department

7. Count the number of employees in Employee table

8. Find the number of Emp\_IDs which has the salary greater

than 20000

9. Find the number of Emp\_IDs which has the salary less than

20000

10.Find the total salary of account department

11.Rename the title sum(salary) as Total in the output

12. List the empid and deptname with maximum salary

select empid,deptname from account where salary=(select

max(salary) from employee);

1. Display the total salary at Chennai city
2. Count the deptname which has more than 10k as salary
3. Number of departments in each area.
4. Display the total salary along with deptname at each location
5. Find min and max salary for each location
6. List the deptname with total emp\_id at each area if the count is >1.
7. List the deptname with total employees if the total is >3 at each dept and the name of the dept has letter ‘e’.
8. List the number of records at each dept with deptname.