FINAL ASSIGNMENT

List all the Employee details
mysql> select * from employee;

2. List all the department details
mysql> select * from department;

3. List all designation details.
mysql> select * from designation;

4. Display the Reigonal group from department table
mysql> select regional_group from department;

4. Display the Fname,Lname, Salary of all the employees
mysql> select fname,lname,salary from employee;

5. List out Emp_ID, Lname,Department_ID for all the employees and rename Emp_ID as “ID of the employee”.

mysql> select emp_id as ID_OF_EMPLOYEE,lname,department_id from employee ;

Display the employees salary with their names only
mysql> select salary,fname,lname from employee;

7. List the details about employee “SMITH”
mysql> select * from employee where fname="Smith";

8. List out the employees who are working in the department 20
mysql> select * from department where department_id=20;

9. List out the employees who are earning salary between 3000 and 4500
mysql> select * from employee where salary between 3000 and 4500;

10. List out the employees who are working in the department 20 or 30

mysql> select * from department where department_id in (20,30);

11. List out the employees who are not working in the department 10 or 30
mysql> select * from department where not department_id in (10,30);

12. List out the employees whose first name starts with “L”
mysql> select * from employee where lname like'l_%';

13. List out the Emp_ID, Lname in ascending order based on the Emp_ID
mysql> select emp_id,lname from employee order by emp_id asc;

14. List out the employees salary as Emp_salary in descending order
mysql> select salary as emp_salary from employee order by salary desc;

15. Display the maximum salary from the table employee

mysql> select max(salary) from employee;

16. Display the average salary as total amt from table employee.
mysql> select avg(salary) as total_amt from employee;

17. Update the fname as “Revita” where EMP_ID is 6 of the table EMPLOYEE.
mysql> update employee set fname="Revita" where Emp_id=6;

18. Count the number of employees whose salary is greater than or equal to 1600
mysql> select count(*) from employee where salary>1600;

19. Add a column City to the employee table
mysql> alter table employee add column city varchar(30);

20. List the no of employees whose Fname ends with the letter “N”.
mysql> select count(Emp_id) from employee where fname like '%_N';

21. List the names of the employees working in department 40.
mysql> select * from department where department_id=40;

22. Count the total no of employees working in any department
mysql> select count(*) from employee;

23. Display the function of the JOB_ID 669 from the table DESIGNATION

mysql> select functions from designation where job_id=669;

24.Display the employee name who is earning more than the average salary
mysql> select fname,lname from employee where salary>(select avg(salary)from employee);

25. Display the names of the employees whose FNAME has second letter “E” in their names from employee table
mysql> select fname,lname from employee where fname like '_E_%';

26. Display the names of the employees whose FNAME ends with letter “N”
mysql> select fname,lname from employee where fname like '__N%';

27. Update the last name as PARKER of the employee having EMP_ID = 3

mysql> update employee set lname="Parker" where emp_id=3;

SUBQUERIES BASED ON ABOVE TABLES.

1. Display the employee who got maximum salary.
mysql> select * from employee where salary=(select maX(salary) from employee);
2. Display the employees who are working in “RESEARCH” department
mysql> select * from employee where department_id=(select department_id from department where name="Research");
3. Display the employees who are working as “Analyst”
mysql> select * from employee where job_id=(select job_id from designation where functions="Analyst");
4. Display the employees who are working in “New york”
mysql> select * from employee where department_id=(select department_id from department where Regional_group="New York");
5. Find out the number of employees working in “Sales” department
mysql> select count(*) from employee where department_id=(select department_id from department where name='sales');
6. Update the employees salary who are working as “Staff” on the bases of 15%.
update employee set salary=salary*1.5 where job_id=(select job_id from designation where functions="Staff");
7. Display the second highest salary employee details.
mysql> select max(salary) from employee where salary<(select max(salary) from employee);
8. Display the function area of the employee whose first name is “LYNN”
mysql> select functions from designation where job_id=(select job_id from employee where lname='Lynn');
9. Find out the employees who earn greater than the average salary of their department
mysql> select salary from employee where salary>(select avg(salary) from employee);

10. Display the hire date of the employee working as “Analyst”
mysql> select hire_date from employee where job_id=(select job_id from designation where functions='Analyst');
11. Display the job_id of the employees whose salary is greater than and equal to 1600
mysql> select job_id from employee where salary>(select salary from employee where salary=1600);
12. Display the designamtion of “baker”.
mysql> select * from designation where job_id=(select job_id from employee where fname='baker');
13. Display the department name whose hiring year is 84.
mysql> select * from department where department_id=(select department_id from employee where year(hire_date)=1984);
14. Display the function name for whose manager id range is 7790-7905.

mysql> select functions from designation where job_id IN (select job_id from employee where manager_id between 7790 and 7905);

15. Display the full name of employee whose regional group is starts from ‘D’.

mysql> select fname,lname from employee where department_id=(select department_id from department where regional_group like'D_%');

JOINS.

1. Display employees with their designations

mysql> select d.functions,e.emp_id,e.fname,e.lname,e.job_id,e.manager_id,e.hire_date,e.salary,e.department_id from designation d join employee e on e.job_id=d.job_id;

2. How many employees who are working in the Sales department

mysql> select count(*),d.Department_id from department d join employee e on e.department_id=d.department_id where d.name="sales" group by d.department_id;

3. Display all the employees in the Sales or Operation department

mysql> select d.department_id,e.emp_id,e.fname,e.lname,e.job_id,e.manager_id,e.hire_date,e.salary,e.department_id from department d join employee e on e.department_id=d.department_id where d.name IN('Sales','Operations');

4. Show the number of employees working under manager

mysql> select e.fname,e.lname,d.functions from employee e join designation d on d.job_id=e.job_id where functions='Manager';