# 1. Write an SQL query to fetch unique values of DEPARTMENT from Worker table.

select distinct department from worker;

# 2. Write an SQL query to print all Worker details from the Worker table order by FIRST\_NAME Ascending and DEPARTMENT Descending

select \* from worker order by first\_name asc, department desc;

# 3. Write an SQL query to print details of the Workers whose FIRST\_NAME contains ‘a’

select \* from worker where first\_name like '%a%';

# 4. Write an SQL query to print details of the Workers whose FIRST\_NAME ends with ‘h’ and contains six alphabets

select \* from worker where first\_name like '\_\_\_\_\_h';

# 5. Write an SQL query to print details of the Workers whose SALARY lies between 100000 and 500000

select \* from worker where salary between 100000 and 500000;

# 6. Write an SQL query to print details of the Workers who have joined in Feb’2014.

select \* from worker where joining\_date >= '2014-02-01' and joining\_date < '2014-03-01';

# 7. Write an SQL query to fetch the count of employees working in the department ‘Admin’

select count(\*) from worker where department = 'admin';

# 8. Write an SQL query to fetch worker names with salaries >= 50000 and <= 100000.

select first\_name, last\_name from worker where salary between 50000 and 100000;

# 9. Write an SQL query to fetch the no. of workers for each department in the descending order

select department, count(\*) as worker\_count from worker group by department order by worker\_count desc;

# 10. Write an SQL query to print details of the Workers who are also Managers

select w.\* from worker w join title t on w.worker\_id = t.worker\_ref\_id where t.worker\_title = 'Manager';

# 11. Write an SQL query to determine the 2nd lowest salary without using TOP or limit method.

select min(salary) from worker where salary > (select min(salary) from worker);

# 12. Write an SQL query to fetch the list of employees with the same salary

select \* from worker where salary in (

select salary from worker group by salary having count(\*) > 1

);

# 13. Write an SQL query to show the second highest salary from a table

select max(salary) from worker where salary < (select max(salary) from worker);

# 14. Write an SQL query to show one row twice in results from a table.

select \* from worker where worker\_id = 1 union all select \* from worker where worker\_id = 1;

# 15. Write an SQL query to fetch the first 50% records from a table.

select \* from worker limit (select count(\*) / 2 from worker);

# 16. Write an SQL query to fetch the departments that have less than three people in it.

select department from worker group by department having count(\*) < 3;

# 17. Write an SQL query to show all departments along with the number of people in there.

select department from worker group by department having count(\*) < 3;

# 18. Write an SQL query to fetch the last five records from a table

select \* from worker order by worker\_id desc limit 5;

# 19. Write an SQL query to print the name of employees having the highest salary in each department

select w.first\_name, w.last\_name, w.department, w.salary from worker w

join (

select department, max(salary) as max\_salary

from worker

group by department

) as dept\_max

on w.department = dept\_max.department and w.salary = dept\_max.max\_salary;

# 20. Write an SQL query to fetch three max salaries from a table

select distinct salary from worker order by salary desc limit 3;

# 21. Write an SQL query to print the name of employees having the lowest salary in accunt and admin department

select \* from worker

where (department = 'account' or department = 'admin')

and salary in(

select min(salary) from worker where department = 'account'

union

select min(salary) from worker where department = 'admin'

);