Assignment 8

Sumia Khan Completed

**Tasks To Be Performed:**

1 Display the “FIRST\_NAME” from the Employee table using the alias name as Employee\_name.

Select First\_Name AS [Employee\_Name]From Employee8

2 Display “LAST\_NAME” from the Employee table in upper case.

Select Upper(Last\_Name) From Employee8

3 Display unique values of DEPARTMENT from the EMPLOYEE table.

Select Distinct Department From Employee8

4 Display the first three characters of LAST\_NAME from the EMPLOYEE table.

Select Last\_Name,SUBSTRING(Last\_Name,1,3) From Employee8

5 Display the unique values of DEPARTMENT from the EMPLOYEE table and prints its length.

Select Distinct Department, len(Department) AS [Len of the Department]

From Employee8

6 Display the FIRST\_NAME and LAST\_NAME from the EMPLOYEE table into a single column AS FULL\_NAME. a space char should separate them.

Select First\_Name, Last\_Name, CONCAT(First\_Name,' ',Last\_Name) As [Full\_Name]

From Employee8

7 DISPLAY all EMPLOYEE details from the employee table

order by FIRST\_NAME Ascending.

Select \* From Employee8

Order by First\_Name ASC

8. Display all EMPLOYEE details in order by FIRST\_NAME Ascending and DEPARTMENT Descending.

Select \* From Employee8

Order by First\_Name ASC, Department DESC

9 Display details for EMPLOYEE with the first name as “VEENA” and “KARAN” from the EMPLOYEE table.

Select \* From Employee8

Where First\_Name = 'Veena'

OR

First\_Name = 'Karan'

10 Display details of EMPLOYEE with DEPARTMENT name as “Admin”.

Select \* From Employee8

Where Department = 'Admin'

11 DISPLAY details of the EMPLOYEES whose FIRST\_NAME contains ‘V’.

Select \* From Employee8

Where First\_Name Like 'V%'

12 DISPLAY details of the EMPLOYEES whose SALARY lies between 100000 and 500000.

Select \* From Employee8

Where Salary

Between 100000 AND 500000

13 Display details of the employees who joined in Feb-2020.

Select \* From Employee8

Where (Joining\_Date >= '2020-02-01' and Joining\_Date <= '2020-02-28')

14 Display employee names with salaries >= 50000 and <= 100000.

Select \* from Employee8

where Salary >=50000

And

Salary <= 100000

16 DISPLAY details of the EMPLOYEES who are also Managers.

Select \* from Employee8

Where Employee\_id

IN

(Select Employee\_ref\_id from Title

Where Employee\_Title = 'Manager')

17 DISPLAY duplicate records having matching data in some fields of a table.

Select Employee\_Title,Affective\_Date

From Title

Group by Employee\_Title,Affective\_Date

Having Count(\*) >1

18 Display only odd rows from a table.

Select \* from Employee8

Where Employee\_id % 2 = 1

19 Clone a new table from the EMPLOYEE table.

Select \* into #temp

From Employee8

20 DISPLAY the TOP 2 highest salaries from a table.

Select MAx(Salary) AS [2nd Highest Salary] from Employee8

Where (Salary<(Select Max(Salary) From Employee8))

21. DISPLAY the list of employees with the same salary.

Select MAx(Salary) AS [2nd Highest Salary] from Employee8

Where (Salary<(Select Max(Salary) From Employee8))

22 Display the second highest salary from a table.

Where (Salary<(Select Max(Salary) from Employee8))

23 Display the first 50% of records from a table.

Select top 50 Percent \* from Employee8

24. Display the departments that have less than 4 people in it.

Select Department from Employee8

Group by Department

Having Count(Employee\_id) < 4

25. Display all departments along with the number of people in there.

Select Department, Count(\*) AS [No. Of Employees] from Employee8

Group by Department

26 Display the name of employees having the highest salary in each department.

Select First\_Name, Department, Salary From Employee8

Where Salary

IN(Select Max(Salary) From Employee8

Group by Department)

27 Display the names of employees who earn the highest salary.

Select \* from Employee8

Where Salary

IN(Select Max(Salary) from Employee8)

28 Display the average salaries for each department

Select Department,Avg(Salary) AS [Average salary] From Employee8

Group by Department

29 display the name of the employee who has the maximum bonus

Select \* from Employee8

Where Employee\_id

IN(Select Employee\_ref\_id from Bonus

Where Bonus\_Amount

IN(Select Max(Bonus\_Amount) From Bonus))

30 Display the first name and title of all the employees

Select First\_Name,Employee\_Title from Employee8 A

Join Title B

ON A.Employee\_id = B.Employee\_ref\_id