

1. Display the Highest, Lowest, Total, and Average salary of all employees & label the columns Maximum, Minimum, Total\_Sal and Average\_Sal, respectively.  

```
SELECT MAX(SALARY) As Maximum, MIN(SALARY) As Minimum, AVG(SALARY) As Avg_Sal, SUM (salary) As Total_Sal  
FROM EMPLOYEE
```
2. Find total number of employees of EMPLOYEE table.  

```
SELECT COUNT(*) As TotalEmp  
FROM EMPLOYEE
```
3. Retrieve maximum salary from IT department.  

```
SELECT MAX(SALARY) As Max_Sal  
FROM EMPLOYEE  
WHERE DEPARTMENT='IT'
```
4. Count total number of cities of employee without duplication.  

```
SELECT COUNT (DISTINCT CITY) As Unq_City  
FROM EMPLOYEE
```
5. Display city with the total number of employees belonging to each city.  

```
SELECT CITY, COUNT(ENAME) As TotalEmp  
FROM EMPLOYEE  
GROUP BY CITY
```
6. Display city having more than one employee.  

```
SELECT CITY, COUNT(ENAME) As TotalEmp  
FROM EMPLOYEE  
GROUP BY CITY  
HAVING COUNT(ENAME)>1
```
7. Give total salary of each department of EMPLOYEE table.  

```
SELECT DEPARTMENT, SUM(SALARY) As TotalSal  
FROM EMPLOYEE  
GROUP BY DEPARTMENT
```
8. Give average salary of each department of EMPLOYEE table without displaying the respective department name.  

```
SELECT AVG(SALARY) As Avg_Sal  
FROM EMPLOYEE  
GROUP BY DEPARTMENT
```

9. Give minimum salary of employee who belongs to Ahmedabad.  
`SELECT MIN(SALARY) As Min_Sal  
FROM EMPLOYEE  
WHERE CITY='AHMEDABAD'`
10. List the departments having total salaries more than 50000 and located in city Rajkot.  
`SELECT DEPARTMENT, SUM(SALARY) As TotalSal  
FROM EMPLOYEE  
WHERE CITY='RAJKOT'  
GROUP BY DEPARTMENT  
HAVING SUM(SALARY)>50000`
11. Count the number of employees living in Rajkot.  
`SELECT COUNT(ENAME) As TotalEmp  
FROM EMPLOYEE  
WHERE CITY='Rajkot'`
12. Display the difference between the highest and lowest salaries. Label the column name to SAL\_DIFFERENCE.  
`SELECT MAX(SALARY)-MIN(SALARY) As 'SAL_DIFFERENCE'  
FROM EMPLOYEE`
13. Display the total number of employees hired before 1<sup>st</sup> January, 1991.  
`SELECT COUNT(*) As Total  
FROM EMPLOYEE  
WHERE JOININGDATE<'1991-01-01'`
14. Display total salary of each department with total salary exceeding 35000 and sort the list by total salary.  
`SELECT Department, SUM(SALARY) As TotalSal  
FROM EMPLOYEE  
GROUP BY DEPARTMENT  
HAVING SUM(SALARY)>35000  
ORDER BY SUM(SALARY)`
15. List out department names in which more than two employees.  
`SELECT Department, COUNT(*) As TotalEmp  
FROM EMPLOYEE  
GROUP BY DEPARTMENT  
HAVING COUNT(EID)>2`

16. Display Minimum salary of Rajkot City.  
`SELECT MIN(SALARY) As MINIMUM  
FROM EMPLOYEE  
WHERE CITY = 'RAJKOT'`
17. Display City wise total employees count.  
`SELECT CITY, COUNT(*) As TotalEmployee  
FROM EMPLOYEE  
GROUP BY CITY`
18. List all departments with minimum salaries.  
`SELECT DEPARTMENT, MIN(SALARY) As MINIMUM  
FROM EMPLOYEE  
GROUP BY DEPARTMENT`
19. Give Total salaries of each city without displaying the respective city name.  
`SELECT SUM(SALARY) As TotalSal  
FROM EMPLOYEE  
GROUP BY CITY`
20. Find department wise Minimum, Maximum & Total Salaries.  
`SELECT DEPARTMENT, MIN(SALARY) As MINIMUM, MAX(SALARY) As MAXIMUM,  
SUM(SALARY) As Total  
FROM EMPLOYEE  
GROUP BY DEPARTMENT`

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