1)Get all Employee details from the Employee table?

select\*from employee

2)Get EmployeeId, FirstName, LastName from Employee table?

select emp\_id,first\_name,last\_name from employee

3)Get FirstName from Employee table using alias name "Employee Name"

select first\_name as "Employee Name" from employee

4)Get FirstName from Employee table in upper case?

select upper(first\_name) from employee

5)Get FirstName from Employee table in lower case?

select lower(first\_name) from employee

6)Get unique Department from Employee table?

select DISTINCT department from employee

7)Select first 3 characters of FirstName from Employee table.

select top 3\* from employee

8)Get position of 'k' in name 'Vikas' from Employee table

select charindex('k','vikas') from employee

9)Get FirstName from Employee table after removing white spaces from right side?

select Rtrim(first\_name) as right\_space from employee

10)Get FirstName from Employee table after removing white spaces from left side?

select Ltrim(first\_name) as left\_space from employee

11)Get length of FirstName from Employee table?

select len(first\_name) from employee

12)Get FirstName from Employee table after replacing 'V' with 'VV'

select replace(first\_name, 'v','w') from employee

13)Get FirstName and LastName as single column from Employee table separated by

select CONCAT(first\_name,'',last\_name) as combine\_name from employee

14)Get FirstName , Joining year, Joining Month and Joining Date from Employee table ?

select first\_name,year(joining\_date) as join\_year,month(joining\_date) as join\_month,day(joining\_date) as join\_day from employee

15)Get all employee details from the Employee table order by FirstName Ascending?

select\*from employee order by first\_name

16)Get all employee details from the Employee table order by FirstName descending?

select\*from employee order by first\_name desc

17)Get all employee details from the Employee table order by FirstName Ascending and Salary descending?

select \*from employee order by first\_name asc,salary desc

18)Get employee details from Employee table whose employee name is "Vikas"?

select \*from employee where first\_name='vikas'

19)Get employee details from Employee table whose employee name are "Vikas" and "Lalit"?

select\*from employee where first\_name in('vikas','lalit')

20)Get employee details from Employee table whose employee name are not "Vikas" and "Lalit"?

select\*from employee where first\_name not in('vikas','lalit')

21)Get employee details from Employee table whose FirstName starts with 'V'

select \*from employee where first\_name like 'v%'

22)Get employee details from Employee table whose FirstName contains 'k'

select\*from employee where first\_name like '%k%'

23)Get employee details from Employee table whose FirstName ends with 's'

select\*from employee where first\_name like '%s'

24)Get employee details from Employee table whose Salary is greater than 70000?

select\*from employee where salary>70000

25)Get employee details from Employee table whose Salary is less than 70000?

select\*from employee where salary<70000

26) Get employee details from Employee table whose Salary is between 50000 and 70000?

select\*from employee where salary between 50000 and 70000

27)Get employee details from Employee table whose joining year is "2015"?

select\*from employee where year(joining\_date)=2015

28)Get employee details from Employee table whose joining month is "February"?

select\*from employee where month(joining\_date)=2

29)Get employee details from Employee table who joined before 20th June, 2015?

select\*from employee where joining\_date<'2015-06-20'

30)Get employee details from Employee table who joined before 20th June, 2015?

select\*from employee where joining\_date<'2015-06-20'

31)Get FirstName, JoiningDate and IncentiveDate from Employee and Incentives table?

select e.first\_name,e.joining\_date,b.incentive\_date from employee e inner join incentives b on e.emp\_id=b.empre\_id

32)Get Last Name from Employee table after replacing special character (e.g. % (if any)) with white space?

select replace (last\_name, '%','')from employee

33)Get department, total salary with respect to a department from Employee table?

select department,sum(salary)as sum\_salary from employee group by department

34)Get Department, TotalSalary with respect to a department from Employee table order by total salary descending?

select department,sum(salary) as sum\_salary from employee group by department order by sum\_salary department

36)Get department wise average salary from employee table order by salary ascending?

select avg(salary) as avg\_sal from employee group by department order by avg\_sal

37)Get department wise maximum salary from Employee table order by salary ascending?

select max(salary) as max\_sal from employee group by department order by max\_sal

38)Get department wise minimum salary from Employee table order by salary ascending?

select min(salary) as min\_sal from employee group by department order by min\_sal

40)Select department, salary with respect to a department from Employee table where salary greater than 60000 order by Salary descending

select department,sum(salary)as sum\_salary from employee where salary>60000 group by department order by sum\_salary desc

43)Select First Name, incentive amount from Employee and Incentives table for all Employees even if they didn't get incentives?

select first\_name,incentive\_amount from employee left join incentives on employee.emp\_id=incentives.empre\_id

45) Select First Name, incentive amount from Employee and incentives table for all Employees who got incentives using right join?

select first\_name,incentive\_amount from employee right join incentives on employee.emp\_id=incentives.empre\_id

47) Select TOP 2 salary from Employee table?

select top 2\*from employee

49) Select FirstName, Last Name from Employee table as separate rows?

select first\_name from employee

union

select last\_name from employee

50) What is the difference between UNION and UNION ALL?

union unionall

1)it removes duplicate rows 1)it does not remove duplicate rows

2)union perform distinct sort 2)it is does not remove duplicate and

to remove duplicate also not perform any sort

3)slower than unionall 3)faster than union

52) Get Employee Id's of those employees who didn't receive incentives without using sub query?

select employeeid from employee

except

select employeeRefid from incentives

54) Select Banking as 'Bank Dept', Insurance as 'Insurance Dept' and Services as 'Services Dept' from employee table?

select department,

case

when department='insurance' then'insurance dept'

when department='banking' then'bank dept'

when department='service' then 'services dept'

end department

from employee