

1.Display the dept information from department table

select * from dept;

2.Display the details of all employees

select * from emp;

3.Display the name and job for all employees

select ename,job from emp;

4.Display name and salary for all employees

select ename,sal from emp;

5.Display employee number and total salary for each employee

select empno,sal+comm from emp;

6.Display employee name and annual salary for all employees

select empno,ename,12*sal+nvl(comm,0) annualse from emp;

7.Display the names of all employees who are working in department number 10

select ename from emp where deptno = 10;

8.Display the names of all employees working as clerks and drawing a salary more than 3000

select ename from emp where job = 'CLERK' and sal > 3000;

9.Display employee number and names for employees who earn commission

select empno,ename from emp where comm is not null and comm > 0;

10.Display names of employees who do not earn any commission

select empno,ename from emp where comm is null and comm = 0;

11.Display the names of employees who are working as clerk , salesman or analyst and drawing a salary more than 3000

select ename from emp where (job='CLERK' or job='SALESMAN' or job='ANALYST') and sal>3000;

12.Display the names of employees who are working in the company for the past 5 years

select ename from emp where sysdate - hiredate > 5*365;

13.Display the list of employees who have joined the company before 30 th june 90 or after 31 st dec 90

select * from emp where hiredate between '30-jun-1990' and '31-dec-1990';

14.Display current date

select sysdate from dual;

15.Display the list of users in your database (using log table)

```
select * from dba_users;
```

16.Display the names of all tables from the current user

```
select * from tab;
```

17.Display the name of the current user

```
show user;
```

18.Display the names of employees working in department number 10 or 20 or 40 or employees working as clerks , salesman or analyst

```
select ename from emp where deptno in (10,20,40) or job in ('CLERK','SALESMAN','ANALYST');
```

19.Display the names of employees whose name starts with alphabet S

```
select ename from emp where ename like 'S%';
```

20.Display employee name from employees whose name ends with alphabet S

```
select ename from emp where ename like '%S';
```

21.Display the names of employees whose names have sencond alphabet A in their names

```
select ename from emp where ename like '_S%';
```

22.Display the names of employees whose name is exactly five characters in length

```
select ename from emp where length(ename)=5;
```

or

```
select ename from emp where ename like '_____';
```

23.Display the names of employees who are not working as managers

```
select * from emp minus (select * from emp where empno in (select mgr from emp));
```

or

```
select * from emp where empno not in (select mgr from emp where mgr is not null);
```

or

```
select * from emp e where empno not in (select mgr from emp where e.empno=mgr);
```

24.Display the names of employees who are not working as SALESMAN or CLERK or ANALYST

```
select job from emp where job not in ('CLERK','ANALYST','SALESMAN');
```

25.Display all rows from emp table. The system should wait after every screen full of information

```
set pause on;
```

26.Display the total number of employees working in the company

```
select count(*) from emp;
```

27.Display the total salary and total commission to all employees
select sum(sal), sum(nvl(comm,0)) from emp;

28.Display the maximum salary from emp table
select max(sal) from emp;

29.Display the minimum salary from emp table
select min(sal) from emp;

30.Display the average salary from emp table
select avg(sal) from emp;

31.Display the maximum salary being paid to CLERK
select max(sal) from emp where job='CLERK';

32.Display the maximum salary being paid in dept no 20
select max(sal) from emp where deptno=20;

33.Display the minimum salary being paid to any SALESMAN
select min(sal) from emp where job='SALESMAN';

34.Display the average salary drawn by managers
select avg(sal) from emp where job='MANAGER';

35.Display the total salary drawn by analyst working in dept no 40
select sum(sal)+sum(nvl(comm,0)) from emp where deptno=40;

36.Display the names of employees in order of salary i.e. the name of the employee earning lowest salary should appear first
select ename from emp order by sal;

37.Display the names of employees in descending order of salary
select ename from emp order by sal desc;

38.Display the details from emp table in order of emp name
select ename from emp order by ename;

39.Display empno,ename,deptno and sal. Sort the output first based on name and within name by deptno and within deptno by sal;
select * from emp order by ename,deptno,sal;

40) Display the name of employees along with their annual salary(sal*12).

the name of the employee earning highest annual salary should appear first?

Ans:select ename,sal,sal*12 "Annual Salary" from emp order by "Annual Salary" desc;

41) Display name,salary,Hra,pf,da,TotalSalary for each employee.

The out put should be in the order of total salary ,hra 15% of salary ,DA 10% of salary .pf 5% salary Total Salary
will be (salary+hra+da)-pf?

Ans: select ename,sal SA,sal*0.15 HRA,sal*0.10 DA,sal*5/100 PF,
sal+(sal*0.15)+(sal*0.10)-(sal*.05) TOTALSALARY
from emp ORDER BY TOTALSALARY DESC;

42) Display Department numbers and total number of employees working in each Department?

Ans: select deptno,count(*) from tvsemp group by deptno;

43) Display the various jobs and total number of employees working in each job group?

Ans: select job,count(*) from tvsemp group by job;

44)Display department numbers and Total Salary for each Department?

Ans: select deptno,sum(sal) from tvsemp group by deptno;

45)Display department numbers and Maximum Salary from each Department?

Ans: select deptno,max(Sal) from tvsemp group by deptno;

46)Display various jobs and Total Salary for each job?

Ans: select job,sum(sal) from tvsemp group by job;

47)Display each job along with min of salary being paid in each job group?

Ans: select job ,min(sal) from tvsemp group by job;

48) Display the department Number with more than three employees in each department?

Ans: select deptno ,count(*) from tvsemp group by deptno having count(*)>3;

49) Display various jobs along with total salary for each of the job where total salary is greater than 40000?

Ans: select job,sum(sal) from tvsemp group by job having sum(SAl)>40000;

50) Display the various jobs along with total number of employees in each job.The output should contain only those jobs with more than three employees?

Ans: select job,count(*) from tvsemp group by job having count(*)>3;

51) Display the name of employees who earn Highest Salary?

Ans: select ename, sal from tvsemp where sal>=(select max(sal) from tvsemp);

52) Display the employee Number and name for employee working as clerk and earning highest salary among the clerks?

Ans: select ename,empno from tvsemp where sal=(select max(sal) from tvsemp where job='CLERK') and job='CLERK' ;

53) Display the names of salesman who earns a salary more than the Highest Salary of the clerk?

Ans: select ename,sal from tvsemp where sal>(select max(sal) from tvsemp where job='CLERK') AND job='SALESMAN';

54) Display the names of clerks who earn a salary more than the lowest Salary of any salesman?

Ans: select ename,sal from tvsemp where sal>(select min(sal) from tvsemp where job='SALESMAN') and job='CLERK';

55) Display the names of employees who earn a salary more than that of jones or that of salary greater than that of scott?

Ans: select ename,sal from tvsemp where sal>all(select sal from tvsemp where ename='JONES' OR ename='SCOTT');

56) Display the names of employees who earn Highest salary in their respective departments?

Ans: select ename,sal,deptno from tvsemp where sal in (select max(sal) from tvsemp group by deptno);

57) Display the names of employees who earn Highest salaries in their respective job Groups?

Ans: select ename,job from tvsemp where sal in (select max(sal) from tvsemp group by job);

58) Display employee names who are working in Accounting department?

Ans: select e.ename,d.dname from emp e,dept d where e.deptno=d.deptno and d.dname='ACCOUNTING';

59) Display the employee names who are Working in Chicago?

Ans: select e.ename,d.loc from emp e,tvsdept d where e.deptno=d.deptno and d.loc='CHICAGO';

60) Display the job groups having Total Salary greater than the maximum salary for Managers?

Ans: select job ,sum(sal) from tvsemp group by job having sum(sal) >(select max(sal) from tvsemp where job='MANAGER');

61) Display the names of employees from department number 10 with salary greater than that of ANY employee working in other departments?

Ans: select ename,deptno from tvsemp where sal>any(select min(sal) from tvsemp where deptno!=10 group by deptno) and deptno=10 ;

62) Display the names of employees from department number 10 with salary greater than that of ALL employee working in other departments?

Ans: select ename,deptno from tvsemp where sal>all(select max(sal) from tvsemp where deptno!=10 group by deptno) and deptno=10 ;

63) Display the names of employees in Upper Case?

Ans: select upper(ename) from tvsemp;

64) Display the names of employees in Lower Case?

Ans: select Lower(ename) from tvsemp;

65) Display the names of employees in Proper case?

Ans: select InitCap(ename)from tvsemp;

Q:66) Find the length of your name using Appropriate Function?

Ans: select lentgh('RAMA') from dual;

67) Display the length of all the employee names?

Ans: select length(ename) from tvsemp;

68) Display the name of employee Concatinate with Employee Number?

Ans: select ename||' '||empno from tvsemp;

69) Use appropriate function and extract 3 characters starting from 2 characters from the following string 'Oracle' i.e., the out put should be ac?

Ans: select substr('Oracle',3,2) from dual;

70) Find the first occurance of character a from the following string Computer Maintenance Corporation?

Ans: select lstr('Computer Maintenance Corporation','a') from dual;

71) Replace every occurance of alphabet A with B in the string .Alliens (Use Translate function)?

Ans: select translate('Alliens','A','B') from Dual;

72) Display the information from the employee table . where ever job Manager is found it should be displayed as Boss?

Ans: select ename ,replace(job,'MANAGER','BOSS') from tvsemp;

73) Display empno,ename,deptno from tvsemp table. Instead of display department numbers

display the related department name(Use decode function)?

Ans: select empno,ename,deptno,Decode(deptno,10,'ACCOUNTING',20,'RESEARCH',30,'SALES','OPERATIONS')DName from tvsemp;

74) Display your Age in Days?

Ans: select sysdate-to_date('30-jul-1977') from dual;

75) Display your Age in Months?

Ans: `select months_between(sysdate,to_date('30-jul-1977')) from dual;`

76) Display current date as 15th August Friday Nineteen Nienty Seven?

Ans: `select To_char(sysdate,'ddth Month Day year') from dual;`

77) Display the following output for each row from tvsemp table?

Ans: Q:78

78) Scott has joined the company on 13th August ninteen ninety?

Ans: `select empno,ename,to_char(Hiredate,'Day ddth Month year') from tvsemp;`

79) Find the nearest Saturday after Current date?

Ans: `select next_day(sysdate,'Saturday') from dual;`

80) Display the current time?

Ans: `select To_Char(sysdate,'HH:MI:SS') from dual;`

81) Display the date three months before the Current date?

Ans: `select Add_months(sysdate,-3) from dual`

82) Display the common jobs from department number 10 and 20?

Ans: `select job from tvsemp where job in (select job from tvsemp where deptno=20) and deptno=10;`

83) Display the jobs found in department 10 and 20 Eliminate duplicate jobs?

Ans: `select Distinct job from tvsemp where deptno in(10,20);`

84) Display the jobs which are unique to department 10?

Ans: `select job from tvsemp where deptno=10;`

85) Display the details of those employees who do not have any person working under him?

Ans: `select empno,ename,job from tvsemp where empno not in (select mgr from tvsemp where mgr is not null);`

86) Display the details of those employees who are in sales department and grade is 3?

Ans: `select e.ename,d.dname,grade from emp e,dept d ,salgrade where e.deptno=d.deptno and dname='SALES' and grade=3;`

87) Display thoes who are not managers?

Ans: `select ename from tvsemp where job!='MANAGER';`

88) Display those employees whose name contains not less than 4 characters?

Ans: `select ename from tvsemp where length(ename)>=4`

89) Display those department whose name start with "S" while location name ends with "K"?

Ans: select e.ename,d.loc from tvsemp e ,tvsept d where d.loc like('%K') and ename like('S%')

90) Display those employees whose manager name is Jones?

Ans: select e.ename Superior,e1.ename Subordinate from tvsemp e,e1 where e.empno=e1.mgr and e.ename='JONES';

91) Display those employees whose salary is more than 3000 after giving 20% increment?

Ans: select ename,sal,(sal+(sal*0.20)) from tvsemp where (sal+(sal*0.20))>3000;

92) Display all employees with their department names?

Ans: select e.ename,d.dname from tvsemp e, tvsept d where e.deptno=d.deptno

93) Display ename who are working in sales department?

Ans: select e.ename,d.dname from emp e,dept d where e.deptno=d.deptno and d.dname='SALES';

94) Display employee name,dept name,salary,and commission for those sal in between 2000

to 5000 while location is Chicago?

Ans: Select e.ename,d.dname,e.sal,e.comm from tvsemp e,dept d where e.deptno=d.deptno and sal between 2000 and 5000;

95) Display those employees whose salary is greater than his managers salary?

Ans: Select e.ename,e.sal,e1.ename,e1.sal from tvsemp e,e1 where e.mgr=e1.empno and e.sal>e1.sal;

96) Display those employees who are working in the same dept where his manager is work?

Ans: select e.ename,e.deptno,e1.ename,e1.deptno from tvsemp e,e1 where e.mgr=e1.empno and e.deptno=e1.deptno;

97) Display those employees who are not working under any Manager?

Ans: select ename from tvsemp where mgr is null;

98) Display the grade and employees name for the deptno 10 or 30 but grade is not 4 while

joined the company before 31-DEC-82?

Ans: select ename,grade,deptno,sal from tvsemp ,salgrade where (grade,sal) in (select grade,sal from salgrade,tvsemp where sal between losal and hisal) and grade!=4 and deptno in (10,30) and hiredate<'31-Dec-82';

99) Update the salary of each employee by 10% increment who are not eligible for commission?

Ans: update tvsemp set sal= (sal+(sal*0.10)) where comm is null;

100) Delete those employees who joined the company before 31-Dec-82 while their department Location is New York or Chicago?

Ans: select e.ename,e.hiredate,d.loc from tvsemp e,tvsdept d where
e.deptno=d.deptno and hiredate<'31-Dec-82' and d.loc in('NEW YORK','CHICAGO');

101) Display employee name ,job,deptname,loc for all who are working as manager?

Ans: select e.ename,e.job,d.dname,d.loc from tvsemp e,tvsdept d where
e.deptno=d.deptno
and e.empno in (select mgr from tvsemp where mgr is not null);

102) Display those employees whose manager name is jones and also display their manager

name?

Ans: select e.ename sub,e1.ename from tvsemp e,e1 where e.mgr=e1.empno and
e1.ename='JONES';

103) Display name and salary of ford if his salary is equal to hisal of his grade?

Ans: select ename,grade,hisal,sal from emp,salgrade where ename='FORD' and
sal=hisal;

OR

select grade,sal,hisal from tvsemp,salgrade where ename='FORD' and sal between
losal and hisal;

OR

select ename,sal,hisal,grade from tvsemp,salgrade where ename='FORD'
and (grade,sal) in (select grade,hisal from salgrade,tvsemp where
sal between losal and hisal);

104) Display employee name ,job,deptname,his manager name ,his grade and make an
under department wise?

Ans: select e.ename sub,e1.ename sup,e.job,d.dname ,grade from tvsemp
e,e1,salgrade,tvsdept d where e.mgr=e1.empno and e.sal between losal and hisal and
e.deptno=d.deptno group by d.deptno,e.ename,e1.ename,e.job,d.dname,grade;

OR

select e.ename sub,e1.ename sup,e.job,d.dname ,grade from tvsemp
e,e1,salgrade,tvsdept d where e.mgr=e1.empno and e.sal between losal and hisal
and e.deptno=d.deptno

105) List out all the employee names ,job,salary,grade and deptname for every one in a
company except 'CLERK' . Sort on salary display the highest salary?

Ans: select e.ename ,e.job,e.sal,d.dname ,grade from tvsemp e,salgrade,tvsdept d
where (e.deptno=d.deptno and e.sal between losal and hisal) order by e.sal desc

106) Display employee name, job and his manager. Display also employees who are without

managers?

Ans: `select e.ename, e1.ename, e.job, e.sal, d.dname from tvsemp e, e1, tvsdept d where e.mgr=e1.empno(+) and e.deptno=d.deptno`

107) Display Top 5 employee of a Company?

Ans:

108) Display the names of those employees who are getting the highest salary?

Ans: `select ename, sal from tvsemp where sal in (select max(sal) from tvsemp)`

109) Display those employees whose salary is equal to average of maximum and minimum?

Ans: `select * from tvsemp
where sal=(select (max(sal)+min(sal))/2 from tvsemp)`

110) Select count of employees in each department where count >3?

Ans: `select count(*) from tvsemp group by deptno having count(*)>3`

111) Display dname where atleast three are working and display only deptname?

Ans: `select d.dname from tvsdept d, tvsemp e where e.deptno=d.deptno group by d.dname having count(*)>3;`

112) Display name of those managers name whose salary is more than average salary of Company?

Ans: `select distinct e1.ename, e1.sal from tvsemp e, e1, dept d where e.deptno=d.deptno and e.mgr=e1.empno and e1.sal>(select avg(sal) from tvsemp);`

113) Display those managers name whose salary is more than average salary of his

employees?

Ans: `select distinct e1.ename, e1.sal from tvsemp e, e1, dept d where e.deptno=d.deptno and e.mgr=e1.empno and e1.sal>any (select avg(sal) from tvsemp group by deptno);`

114) Display employee name, sal, comm and netpay for those employees whose netpay is greater than or equal to any other employee salary of the company?

Ans: `select ename, sal, NVL(comm,0), sal+NVL(comm,0) from tvsemp where
sal+NVL(comm,0) >any (select e.sal from tvsemp e);`

115) Display those employees whose salary is less than his manager but more than salary of

other managers?

Ans: `select e.ename sub, e.sal from tvsemp e, e1, tvsdept d where`

e.deptno=d.deptno and e.mgr=e1.empno
and e.sal<e1.sal
and e.sal >any (select e2.sal from tvsemp e2, e,tvsdept d1 where
e.mgr=e2.empno and d1.deptno=e.deptno);

116) Display all employees names with total sal of company with each employee name?

Ans:

117) Find the last 5(least) employees of company?

Ans:

118) Find out the number of employees whose salary is greater than their managers salary?

Ans: select e.ename,e.sal,e1.ename,e1.sal from tvsemp e,e1,tvsdept d where
e.deptno=d.deptno and e.mgr=e1.empno and e.sal>e1.sal

119) Display the manager who are not working under president but they are working under

any other manager?

Ans: select e2.ename from emp e1,emp e2,emp e3 where e1.mgr=e2.empno and
e2.mgr=e3.empno and e3.job!='PRESIDENT';

120) Delete those department where no employee working?

Ans: delete from tvsemp where empno is null;

121) Delete those records from emp table whose deptno not available in dept table?

Ans: delete from tvsemp e where e.deptno not in (select deptno from tvsdept)

122) Display those enames whose salary is out of grade available in salgrade table?

Ans: select empno,sal from tvsemp where sal<(select min(LOSAL) from salgrade)
OR sal>(select max(hisal) from salgrade)

123) Display employee name,sal,comm and whose netpay is greater than any other in the

company?

Ans: select ename,sal,comm,sal+comm from tvsemp where sal+comm>any
(select sal+comm from tvsemp)

124) Display name of those employees who are going to retire 31-Dec-99 if maximum job period

is 30 years?

Ans: select empno,hiredate,sysdate, to_char(sysdate,'yyyy') - to_char(hiredate,'yyyy')
from tvsemp where to_char(sysdate,'yyyy') - to_char(hiredate,'yyyy')=30

125) Display those employees whose salary is odd value?

Ans: select ename ,sal from tvsemp where mod(sal,2)!=0

126) Display those employees whose salary contains atleast 3 digits?

Ans: `select ename,sal from tvsemp where length(sal)=3`

127) Display those employees who joined in the company in the month of Dec?

Ans: `Select empno,ename from tvsemp where
trim(to_char(hiredate,'Mon'))=trim('DEC')`

128) Display those employees whose name contains A?

Ans: `select ename from tvsemp where ename like('%A%')`

129) Display those employees whose deptno is available in salary?

Ans: `select ename,sal from tvsemp where deptno in (select distinct sal from tvsemp);`

130) Display those employees whose first 2 characters from hiredate - last 2 characters sal?

Ans: `select empno,hiredate,sal from tvsemp where
trim(substr(hiredate,1,2))=trim(substr(sal,-2,2));`

or

`select hiredate,sal from tvsemp where to_char(hiredate,'dd')=trim(substr(sal,-2,2))`

131) Display those employees whose 10% of salary is equal to the year joining?

Ans: `select ename ,sal,0.10*sal from tvsemp where
0.10*sal=trim(to_char(hiredate,'yy'))`

132) Display those employees who are working in sales or research?

Ans: `select e.ename from tvsemp e ,tvsemp d where e.deptno=d.deptno and d.dname
in('SALES','RESEARCH');`

133) Display the grade of jones?

Ans: `select ename,grade from tvsemp,salgrade where (grade,sal) =
(select grade,sal from salgrade,tvsemp where sal between losal and hisal and
ename='JONES')`

134) Display those employees who joined the company before 15th of the month?

Ans: `select ename ,hiredate from tvsemp where hiredate<'15-Jul-02' and hiredate
>='01-jul-02';`

135) Display those employees who has joined before 15th of the month?

Ans: `select ename ,hiredate from tvsemp where hiredate<'15-Jul-02'`

136) Delete those records where no of employees in particular department is less than 3?

Ans: `delete from tvsemp where deptno in (select deptno from tvsemp group by deptno
having count(*) <3`

137A) Delete those employees who joined the company 10 years back from today?

Ans: `delete from tvsemp where empno in (select empno from tvsemp
where to_char(sysdate,'yyyy')- to_char(hiredate,'yyyy')>=10)`

137B) Display the deptname the number of characters of which is equal to no of employee

in any other department?

Ans:

138) Display the deptname where no employee is working?

Ans: `select deptno from tvsemp where empno is null;`

139) Display those employees who are working as manager?

Ans: `select e2.ename from tvsemp e1,e2 where e1.mgr=e2.empno and e2.empno is not null`

140) Count the number of employees who are working as managers (Using set operator)?

Ans: `select d.dname from tvsdept d where length(d.dname) in (select count(*) from tvsemp e where e.deptno!=d.deptno group by e.deptno)`

141) Display the name of the dept those employees who joined the company on the same date?

Ans: `select a.ename,b.ename from tvsemp a,tvsemp b where a.hiredate=b.hiredate and a.empno!=b.empno`

142) Display those employees whose grade is equal to any number of sal but not equal to first number of sal?

Ans: `select ename,sal,grade ,substr(sal,grade,1) from tvsemp,salgrade where grade!=substr(sal,1,1) and grade = substr(sal,grade,1)
and sal between losal and hisal`

143) Count the no of employees working as manager using set operation?

Ans: `Select count(empno) from tvsemp where
empno in (select a.empno from tvsemp a
intersect
select b.mgr from tvsemp b)`

144) Display the name of employees who joined the company on the same date?

Ans: `select a.ename,b.ename from tvsemp a,tvsemp b where a.hiredate=b.hiredate and a.empno!=b.empno;`

145) Display the manager who is having maximum number of employees working under him?

Ans: `select e2.ename,count(*) from tvsemp e1,e2 where e1.mgr=e2.empno group by e2.ename Having count(*)=(select max(count(*) from tvsemp e1,e2 where e1.mgr=e2.empno group by e2.ename)`

146) List out the employee name and salary increased by 15% and express as whole number of Dollars?

Ans: `select ename,sal,lpad(translate(sal,sal,((sal +(sal*0.15))/50)),5,$') from tvsemp`

147) Produce the output of the emptable "EMPLOYEE_AND JOB" for ename and job ?

Ans: `select ename"EMPLOYEE_AND",job"JOB" FROM TVSEMP;`

148) List of employees with hiredate in the format of 'June 4 1988'?

Ans: `select ename,to_char(hiredate,'Month dd yyyy') from tvsemp;`

149) print list of employees displaying 'Just salary' if more than 1500 if exactly 1500 display 'on target' if less than 1500 display below 1500?

Ans: `select ename,sal,
(
case when sal < 1500 then
 'Below_Target'
when sal=1500 then
 'On_Target'
when sal > 1500 then
 'Above_Target'
else
 'kkkkk'
end
)
from tvsemp`

150) Which query to calculate the length of time any employee has been with the company

Ans: `select hiredate,to_char(hiredate,' HH:MI:SS') FROM tvsemp`

151) Given a string of the format 'nn/nn' . Verify that the first and last 2 characters are numbers .And that the middle character is '/' Print the expressions 'Yes' IF valid

'NO' of not valid . Use the following values to test your solution '12/54','01/1a','99/98'?

Ans:

152) Employees hired on OR Before 15th of any month are paid on the last Friday of that month

those hired after 15th are paid the last Friday of the following month .print a list of employees .their hiredate and first pay date sort those whose salary contains first digit of their deptno?

Ans: select ename,hiredate, LAST_DAY (next_day(hiredate,'Friday')),
 (
 case when to_char(hiredate,'dd') <=('15') then
 LAST_DAY (next_day(hiredate,'Friday'))
 when to_char(hiredate,'dd')>('15') then
 LAST_DAY(next_day(add_months(hiredate,1),'Friday'))
 end
)
 from tvsemp

153) Display those managers who are getting less than his employees salary?

Ans: select a.empno,a.ename ,a.sal,b.sal,b.empno,b.ename from tvsemp a, tvsemp b
 where a.mgr=b.empno and a.sal>b.sal

154) Print the details of employees who are subordinates to BLAKE?

Ans: select a.empno,a.ename ,b.ename from tvsemp a, tvsemp b where
 a.mgr=b.empno
 and b.ename='BLAKE'

151.Display those who working as manager using co related sub query

select * from emp where empno in (select mgr from emp);

152.Display those employees whose manager name is JONES and also with his manager name

select * from emp where mgr=(select empno from emp where ename='JONES') union
 select * from emp where empno =
 (select mgr from emp where ename='JONES');

153.Define variable representing the expressions used to calculate on employees total annual remuneration

define emp_ann_sal=(sal+nvl(comm,0))*12;

154.Use the variable in a statement which finds all employees who can earn 30000 a year or more

select * from emp where &emp_ann_sal>30000;

155.Find out how many managers are there with out listing them

select count(*) from emp where empno in (select mgr from emp);

156.Find out the avg sal and avg total remuneration for each job type remember salesman earn commission

select job,avg(sal+nvl(comm,0)),sum(sal+nvl(comm,0)) from emp group by job;

157. Check whether all employees number are indeed unique
select count(empno), count(distinct(empno)) from emp having
count(empno)=(count(distinct(empno)));

158. List out the lowest paid employees working for each manager, exclude any groups where minsal is less than 1000 sort the output by sal
select e.ename, e.mgr, e.sal from emp e where sal in (select min(sal) from emp where mgr=e.mgr) and
e.sal > 1000 order by sal;

159. List ename, job, annual sal, deptno, dname and grade who earn 30000 per year and who are not clerks
select e.ename, e.job, (e.sal + nvl(e.comm, 0)) * 12, e.deptno, d.dname, s.grade from emp e, salgrade s, dept d
where e.sal between s.losal and s.hisal and e.deptno = d.deptno and
(e.sal + nvl(comm, 0)) * 12 > 30000
and e.job <> 'CLERK';

160. Find out the job that was failed in the first half of 1983 and the same job that was failed during the same period on 1984

161. Find out the all employees who joined the company before their manager
select * from emp e where hiredate < (select hiredate from emp where empno = e.mgr);

162. List out the all employees by name and number along with their manager's name and number also display 'NO MANAGER' who has no manager
select e.empno, e.ename, m.empno Manager, m.ename ManagerName from emp e, emp m
where e.mgr = m.empno
union
select empno, ename, mgr, 'NO Manager' from emp where mgr is null;

163. Find out the employees who earned the highest sal in each job typed sort in descending sal order
select * from emp e where sal = (select max(sal) from emp where job = e.job);

164. Find out the employees who earned the min sal for their job in ascending order
select * from emp e where sal = (select min(sal) from emp where job = e.job) order by sal;

165. Find out the most recently hired employees in each dept order by hire date
select * from emp order by deptno, hiredate desc;

166. Display ename, sal and deptno for each employee who earn a sal greater than the avg of their department

order by deptno
select ename,sal,deptno from emp e where sal>(select avg(sal) from emp where deptno=e.deptno) order by deptno;

167.Display the department where there are no employees
select deptno,dname from dept where deptno not in (select distinct(deptno) from emp);

168.Display the dept no with highest annual remuneration bill as compensation
select deptno,sum(sal) from emp group by deptno having sum(sal)=(select max(sum(sal)) from emp group by deptno);

169.In which year did most people join the company. Display the year and number of employees
select count(*),to_char(hiredate,'yyyy') from emp group by to_char(hiredate,'yyyy');

170.Display avg sal figure for the dept
select deptno,avg(sal) from emp group by deptno;

171.Write a query of display against the row of the most recently hired employee.display
ename hire date
and column max date showing
select empno,hiredate from emp where hiredate=(select max(hiredate) from emp);

172.Display employees who can earn more than lowest sal in dept no 30
select * from emp where sal > (select min(sal) from emp where deptno=30);

173.Find employees who can earn more than every employees in dept no 30
select * from emp where sal>(select max(sal) from emp where deptno=30);
select * from emp where sal>all(select sal from emp where deptno=30);

174.select dept name and deptno and sum of sal
break on deptno on dname;
select e.deptno,d.dname,sal from emp e,dept d where e.deptno=d.deptno order by e.deptno;

175.Find out avg sal and avg total remainders for each job type

176.Find all dept's which have more than 3 employees
select deptno from emp group by deptno having count(*)>3;

177.If the pay day is next Friday after 15th and 30th of every month. What is the next pay day from
their hire date for employee in emp table

178.If an employee is taken by you today in your organization and is a policy in your company to have a

review after 9 months the joined date (and of 1st of next month after 9 months) how many days from today
your employee has to wait for a review

179.Display employee name and his sal whose sal is greater than highest avg of deptno

180.Display the 10 th record of emp table (without using rowid)

181.Display the half of the enames in upper case and remaining lower case

```
select  
concat(upper(substr(ename,0,length(ename)/2),lower(substr(ename,length(ename)/2+1,length(ename)))) from  
emp;
```

182.Display the 10th record of emp table without using group by and rowid

183.Delete the 10th record of emp table

184.Create a copy of emp table

```
create table emp1 as select * from emp;
```

185.select ename if ename exists more than once

```
select distinct(ename) from emp e where ename in (select ename from emp where  
e.empno<>empno);
```

186.Display all enames in reverse order

```
select ename from emp order by ename desc;
```

187.Display those employee whose joining of month and grade is equal

```
select empno,ename from emp e,salgrade s where e.sal between s.losal and s.hisal and  
to_char(hiredate,  
'mm')=grade;
```

188.Display those employee whose joining date is available in deptno

```
select * from emp where to_char(hiredate,'dd') =deptno;
```

189.Display those employee name as follows A ALLEN, B BLAKE

```
select substr(ename,1,1)||'||ename from emp;
```

190.List out the employees ename,sal,pf from emp

```
select ename,sal,sal*15/100 pf from emp;
```

191.Display RSPS from emp without using updating,inserting

192.Create table emp with only one column empno

```
create table emp (empno number(5));
```

193.Add this column to emp table ename varchar2(20)
alter table emp add ename varchar2(20) not null;

194.OOPSI i forget to give the primary key constraint. Add it now
alter table emp add constraint emp_empno primary key (empno);

195.Now increase the length of ename column to 30 characters
alter table emp modify ename varchar2(30);

196.Add salary column to emp table
alter table emp add sal number(7,2);

197.I want to give a validation saying that sal can not be greater 10000(note give a name to this column)
alter table emp add constraint emp_sal_check check(sal<10000);

198.For the time being i have decided that i will not impose this validation. My boss has agreed to pay more than 10000
alter table emp disable constraint emp_sal_check;

199.My boss has changed his mind. Now he doesn't want to pay more than 10000 So revoke that salary constraint
alter table emp enable constraint emp_sal_check;

200.Add column called as mgr to your emp table
alter table emp add mgr number(5);

201.Oh! This column should be related to empno, Give a command to add this constraint
Alter table emp add constraint emp_mgr foreign key (empno);

202.Add dept no column to your emp table
alter table emp add deptno number(3);

203.This deptno column should be related to deptno column of dept table
alter table emp1 add constraint emp1_deptno foreign key (deptno) references dept(deptno);

204.Create table called as new emp. Using single command create this table as well as to get data into this table (use create table as)
create table newemp as select * from emp;

205.Create table called as newemp. This table should contain only empno,ename,dname

create table newemp as select empno,ename,dname from emp e,dept d where e.deptno=d.deptno;

206.Delete the rows of employees who are working in the company for more than 2 years
delete from emp where floor(sysdate-hiredate)>2*365;

207.Provides a commission to employees who are not earning any commission
select emp set comm=300 where comm is null;

208.If any employee has commission his commission should be incremented by 100% of his salary

update emp set comm=comm*10/100 where comm is not null;

209.Display employee name and department name for each employee

select ename,dname from emp e,dept d where e.deptno=d.deptno;

210.Display employee number,name and location of the department in which he is working

select empno,ename,loc from emp e,dept d where e.deptno=d.deptno;

211.Display ename,dname even if there no employees working in a particular department(use outer join)

select ename,dname from emp e,dept d where e.deptno(+)=d.deptno;

212.Display employee name and his manager name.

select e.ename,m.ename from emp e,emp m where e.mgr=m.empno;

213.Display the department name along with total salary in each department

select deptno,sum(sal) from emp group by deptno;

214.Display the department name and total number of employees in each department

select deptno,count(*) from emp group by deptno;