--Solution1

select department\_name from departments

where manager\_id is null and location\_id<=1700;

--Solution2

select last\_name,phone\_number from employees

where (last\_name like 'K%' or last\_name like 'M%') and (phone\_number like '%4');

--Solution3

select last\_name from employees

where last\_name like '%o%' and salary>=4000;

--Solution4

select first\_name||' '||last\_name as "Full Name",

email||'@gmail.com' as "Email ID",

department\_id||q'('s)'||manager\_id as "Manager Info" from employees;

--Solution5

select last\_name as "New Employee", hire\_date as "Hire Date", round(MONTHS\_BETWEEN(SYSDATE,hire\_date))||' months approximately' as "Tenure" from employees

where months\_between('01-Jan-2001',hire\_date)<20;

--Solution6

select \* from employees

where hire\_date > (LAST\_DAY(hire\_date)-7);

--Solution7

select first\_name, last\_name,

NVL(commission\_pct, salary/20000) as "new\_commission\_pct" from employees;

--Solution8

select last\_name, substr(phone\_number,1,instr(phone\_number,'.')-1) as "country code",

substr(phone\_number,instr(phone\_number,'.')+1) from employees as "local phone number"

where length(replace(phone\_number,'.',''))>10;

--Solution9

select to\_char(sysdate, 'DD-MM-YYYY HH:MM:SS AM') from dual;

--Solution10

select start\_date, end\_date,

trunc ((months\_between(end\_date,start\_date))/12) as "Years",

trunc(mod(months\_between(end\_date,start\_date),12)) as "Months",

trunc(end\_date-add\_months(start\_date,trunc(months\_between(end\_date,start\_date)))) as "Days"

from job\_history;

--Solution11

select rpad(substr(last\_name,1,10),round(salary/1000),'\*') as "EMPLOYEES AND THEIR SALARIES" , salary

from employees order by salary desc;

--Solution12

select \* from jobs where min\_salary >= 4000 and max\_salary<=20000 and job\_id like 'A%\\_M%' escape '\';

--Solution13

select first\_name, last\_name

from employees

where upper(last\_name) not like upper('%&&value%') and upper(first\_name) like upper('%&&value%&&value%');

undefine value;

--Solution14

select last\_name, first\_name,

case when manager\_id is null then 0 else (round(months\_between(sysdate,hire\_date))\*salary)/1000 end as "Bonus"

from employees order by case when manager\_id is null then 0 else (round(months\_between(sysdate,hire\_date))\*salary)/1000 end;

--Solution15

select employee\_id,hire\_date ,

case when trim(to\_char(add\_months(hire\_date, 12\*25),'Day'))='Friday'

then add\_months(hire\_date, 12\*25) else next\_day(add\_months(hire\_date, 12\*25),'Friday') end as "ELIGIBILITY DATE"

from employees;

--Solution16

select last\_name,job\_id from employees where trim(to\_char(hire\_date,'Day'))='Saturday'

--Solution17

select distinct manager\_id,department\_id, job\_id from employees

where salary < &value

order by manager\_id desc, job\_id;

undefine value;

--Solution18

select last\_name from employees where email like '\_\_\_\_l%' or email like '\_\_\_\_L%' order by substr(email,3,1);

--Solution19

select last\_name from employees where mod(salary,3000)=0;

--Solution20, one method

select last\_name, translate(lower(last\_name),'sae','AES') as "new last name" from employees

order by translate(lower(last\_name),'sae','AES') desc;

--Solution20, another method

SELECT last\_name,

REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(last\_name, 'S', '1'), 's', '1'), 'A', '2'), 'a', '2'), 'E', '3'), 'e', '3'), '1', 'A'), '2', 'E'), '3', 'S') as "new last name" from employees

order by translate(lower(last\_name),'sae','AES') desc;