select employee\_id,

CONCAT(first\_name,last\_name) NAME,

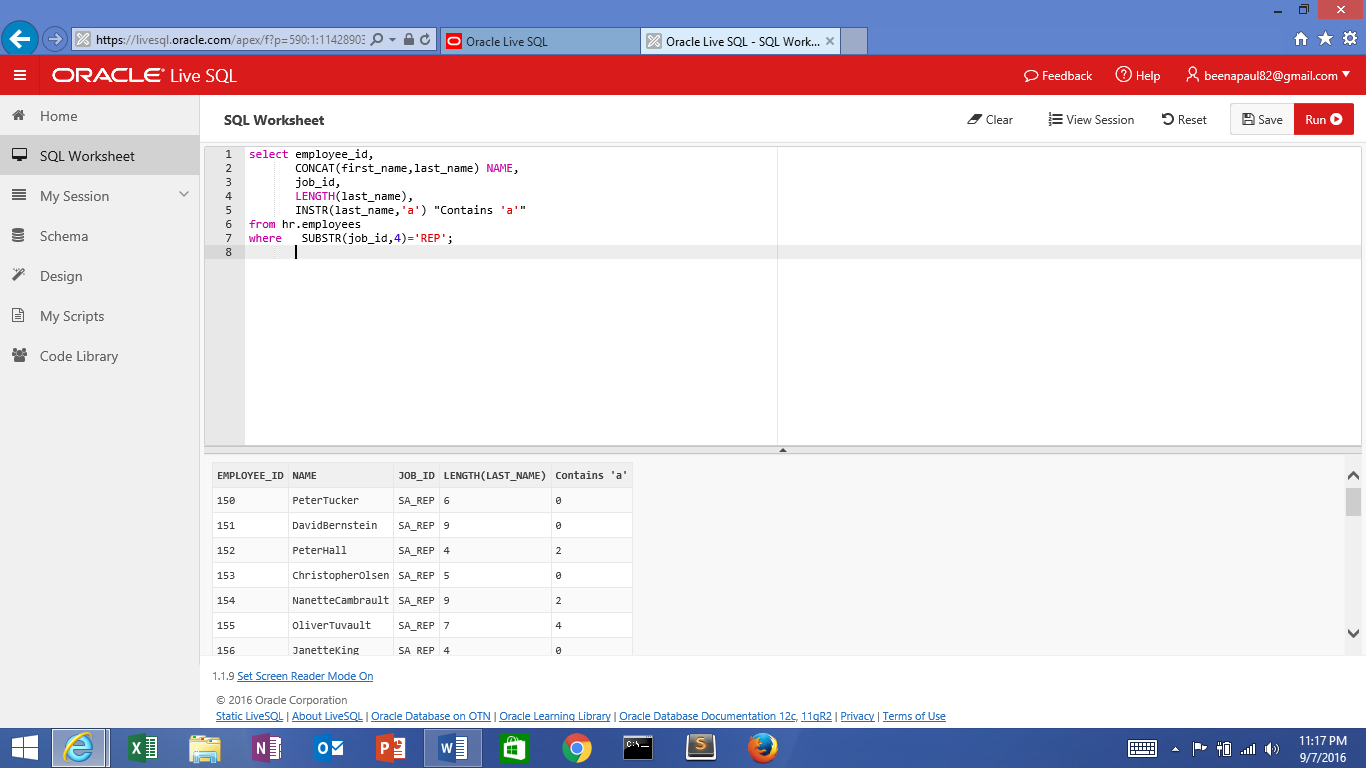
job\_id,

LENGTH(last\_name),

INSTR(last\_name,'a') "Contains 'a'"

from hr.employees

where SUBSTR(job\_id,4)='REP';



select employee\_id,

CONCAT(first\_name,last\_name) NAME,

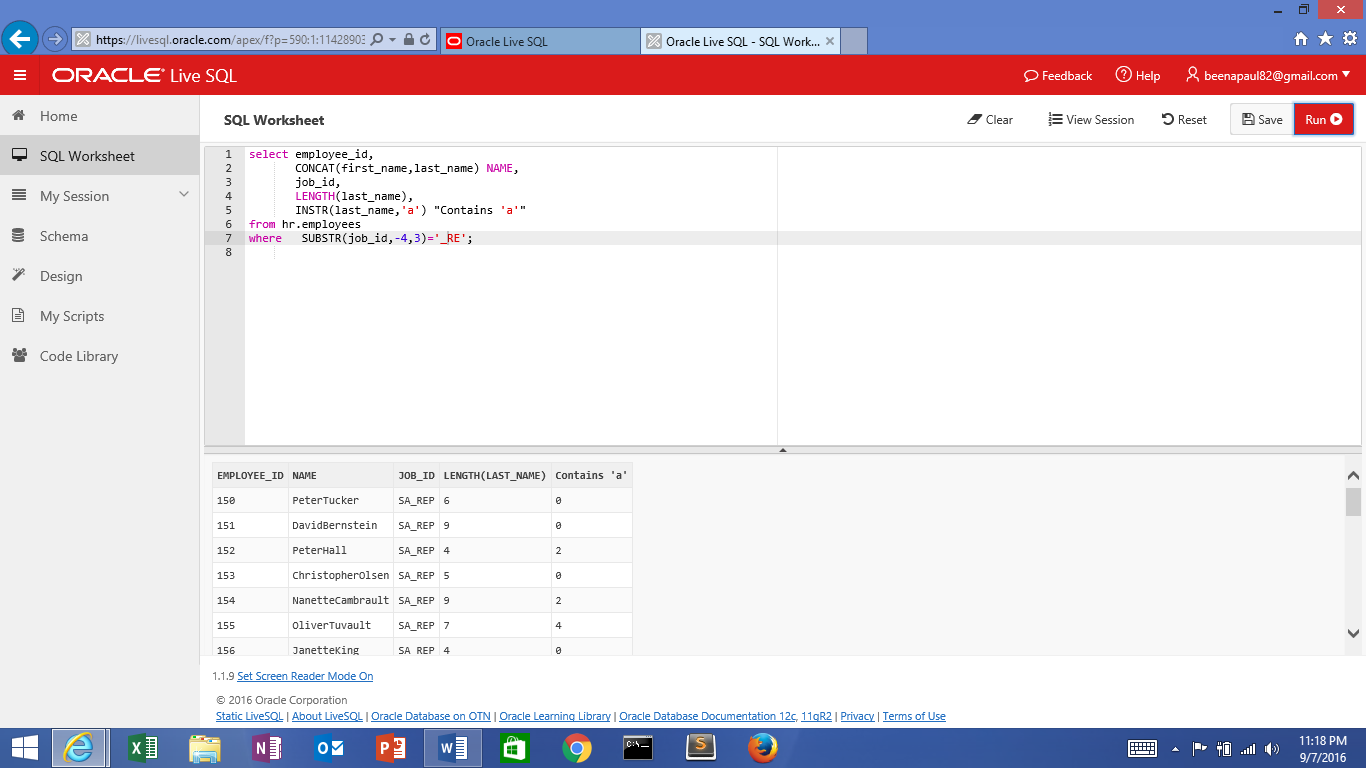
job\_id,

LENGTH(last\_name),

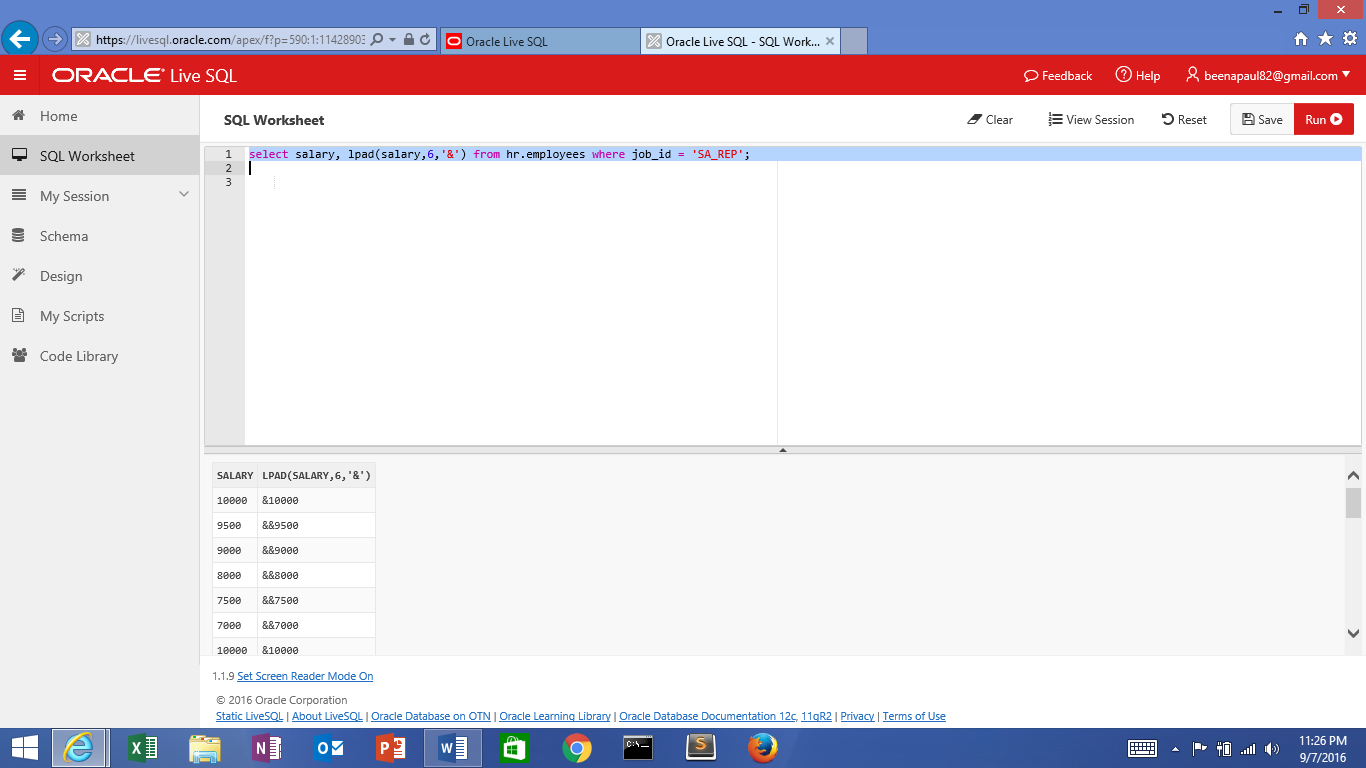
INSTR(last\_name,'a') "Contains 'a'"

from hr.employees

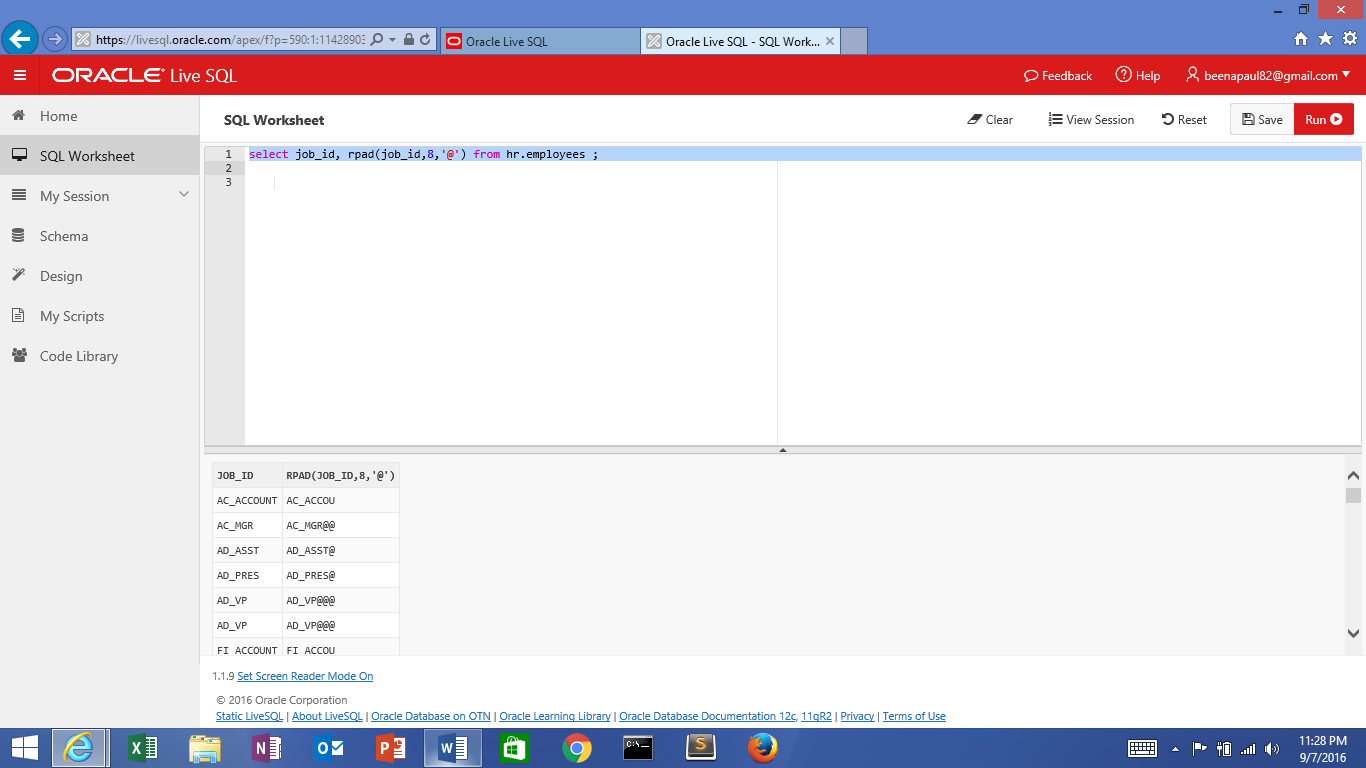
where SUBSTR(job\_id,-4,3)='\_RE';



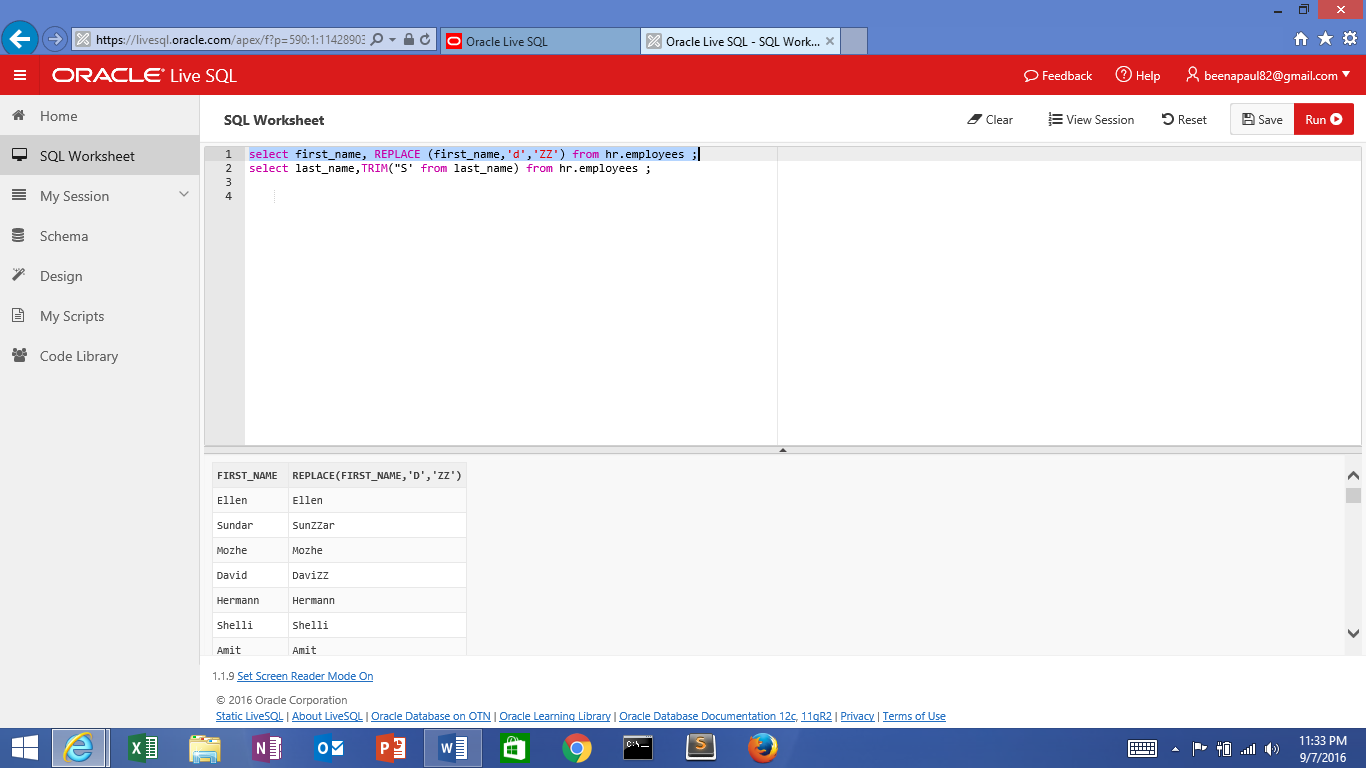
select salary, lpad(salary,6,'&') from hr.employees where job\_id = 'SA\_REP';



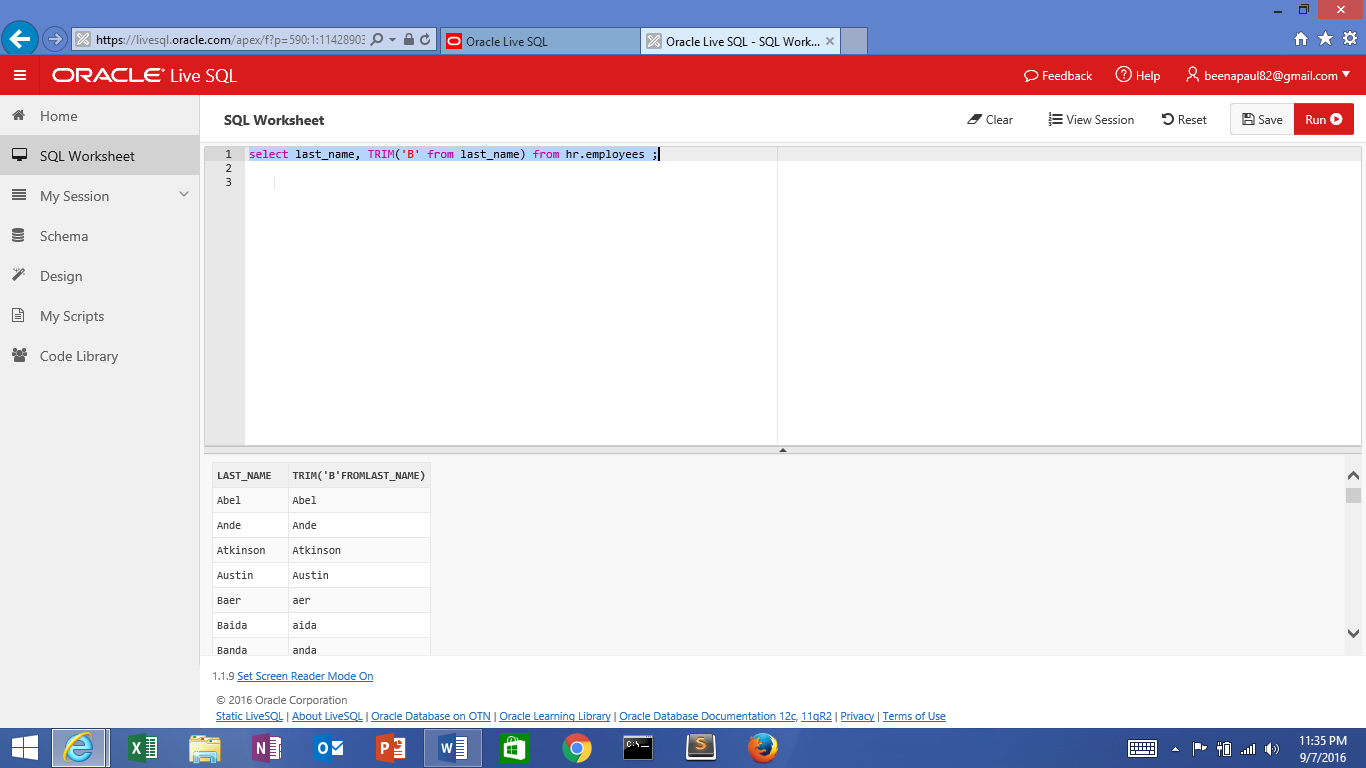
select job\_id, rpad(job\_id,8,'@') from hr.employees ;



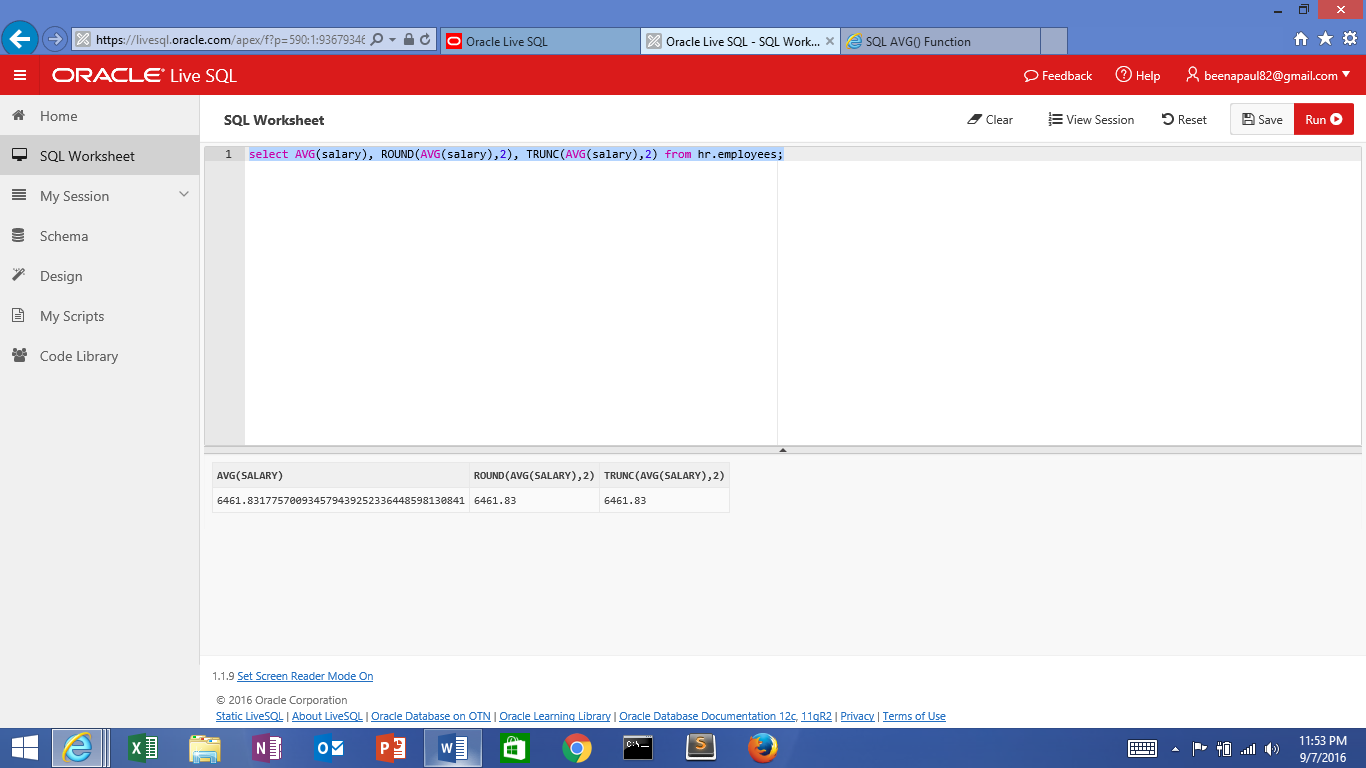
select first\_name, REPLACE (first\_name,'d','ZZ') from hr.employees ;



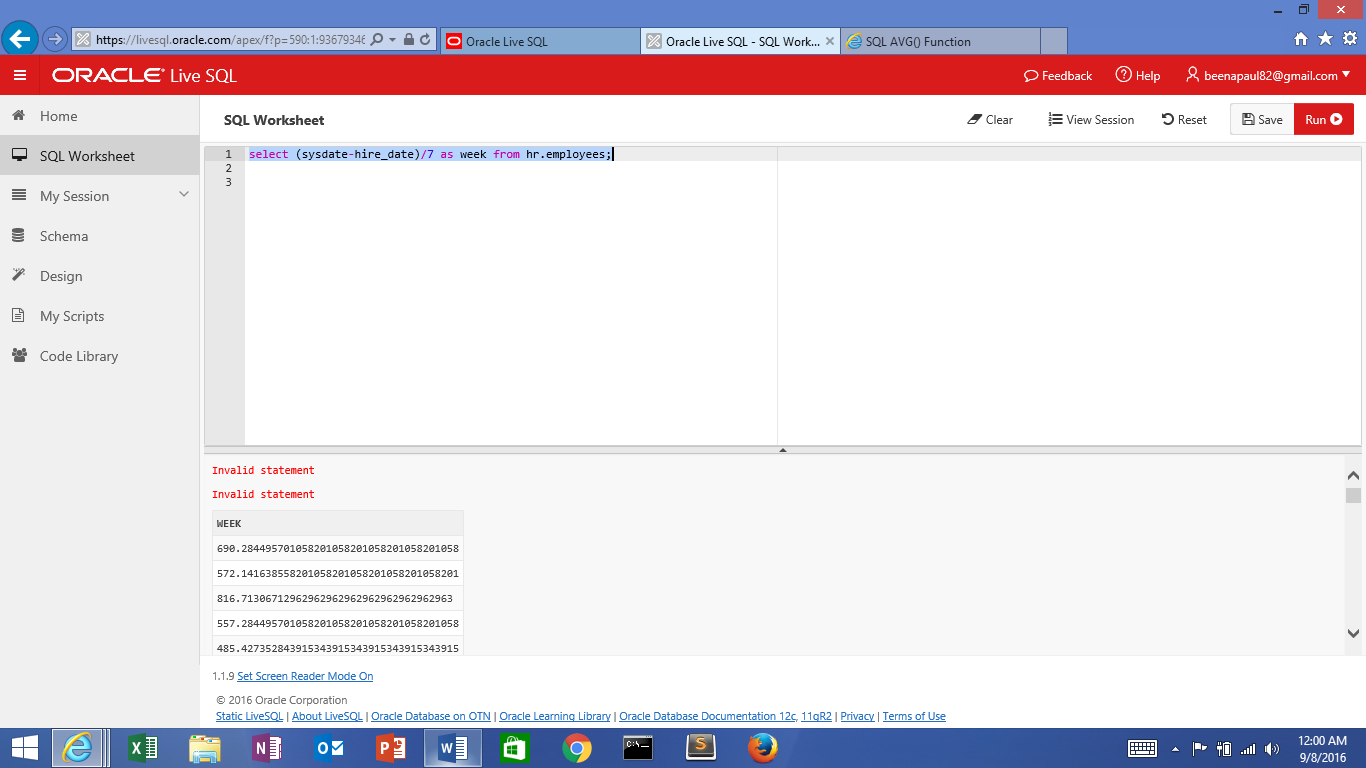
select last\_name, TRIM('B' from last\_name) from hr.employees ;



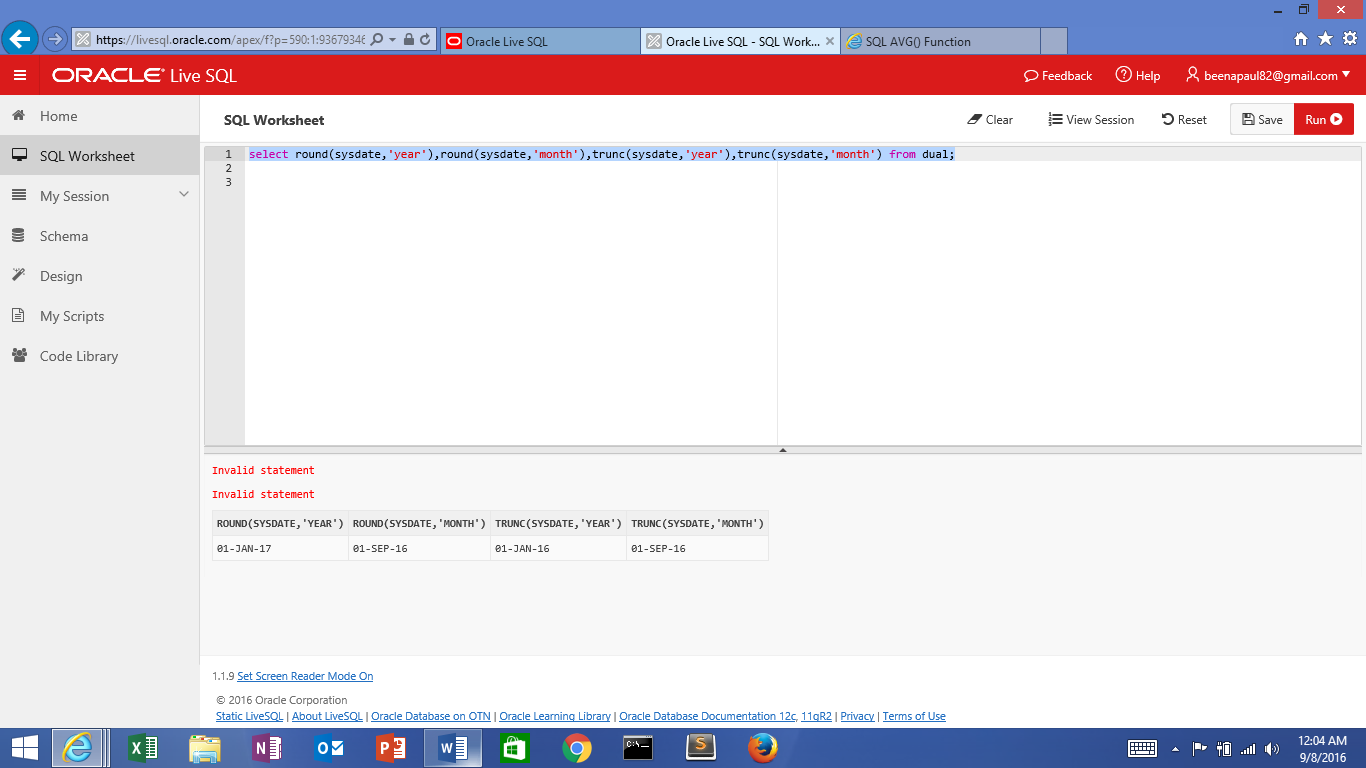
select AVG(salary), ROUND(AVG(salary),2), TRUNC(AVG(salary),2) from hr.employees;



select (sysdate-hire\_date)/7 as week from hr.employees;



select round(sysdate,'year'),round(sysdate,'month'),trunc(sysdate,'year'),trunc(sysdate,'month') from dual;



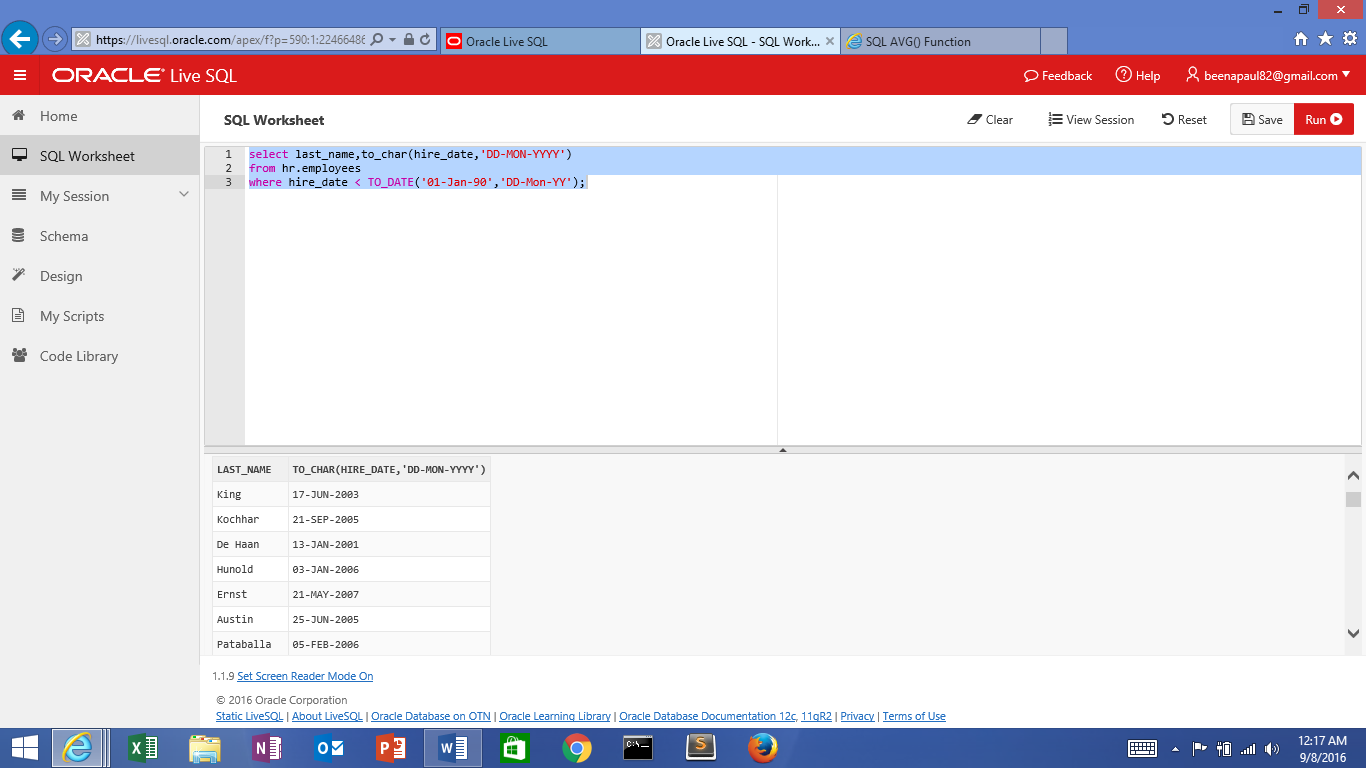
select next\_day('08-SEP-16','monday') from dual;

select last\_day('08-SEP-16') from dual;

select last\_name,to\_char(hire\_date,'DD-MON-YYYY')

from hr.employees

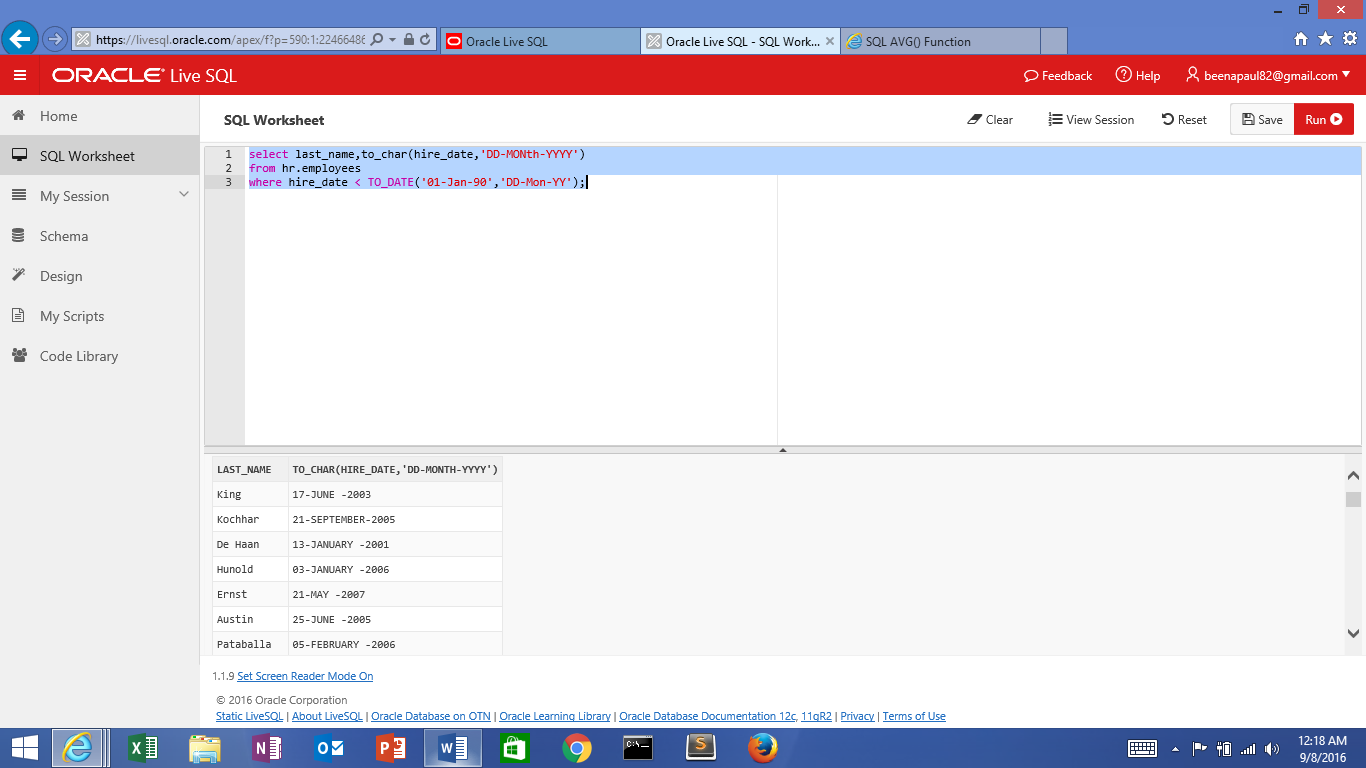
where hire\_date < TO\_DATE('01-Jan-90','DD-Mon-YY');



select last\_name,to\_char(hire\_date,'DD-MONth-YYYY')

from hr.employees

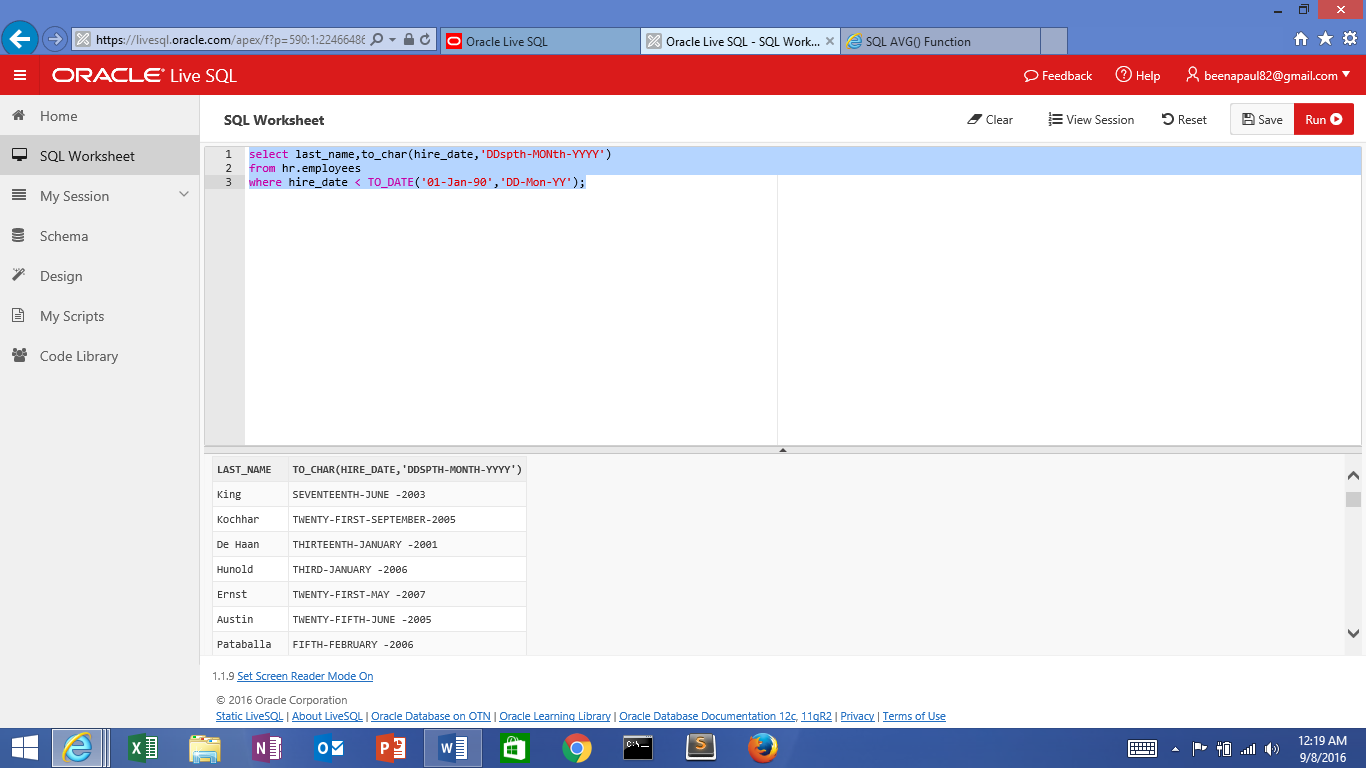
where hire\_date < TO\_DATE('01-Jan-90','DD-Mon-YY');



select last\_name,to\_char(hire\_date,'DDspth-MONth-YYYY')

from hr.employees

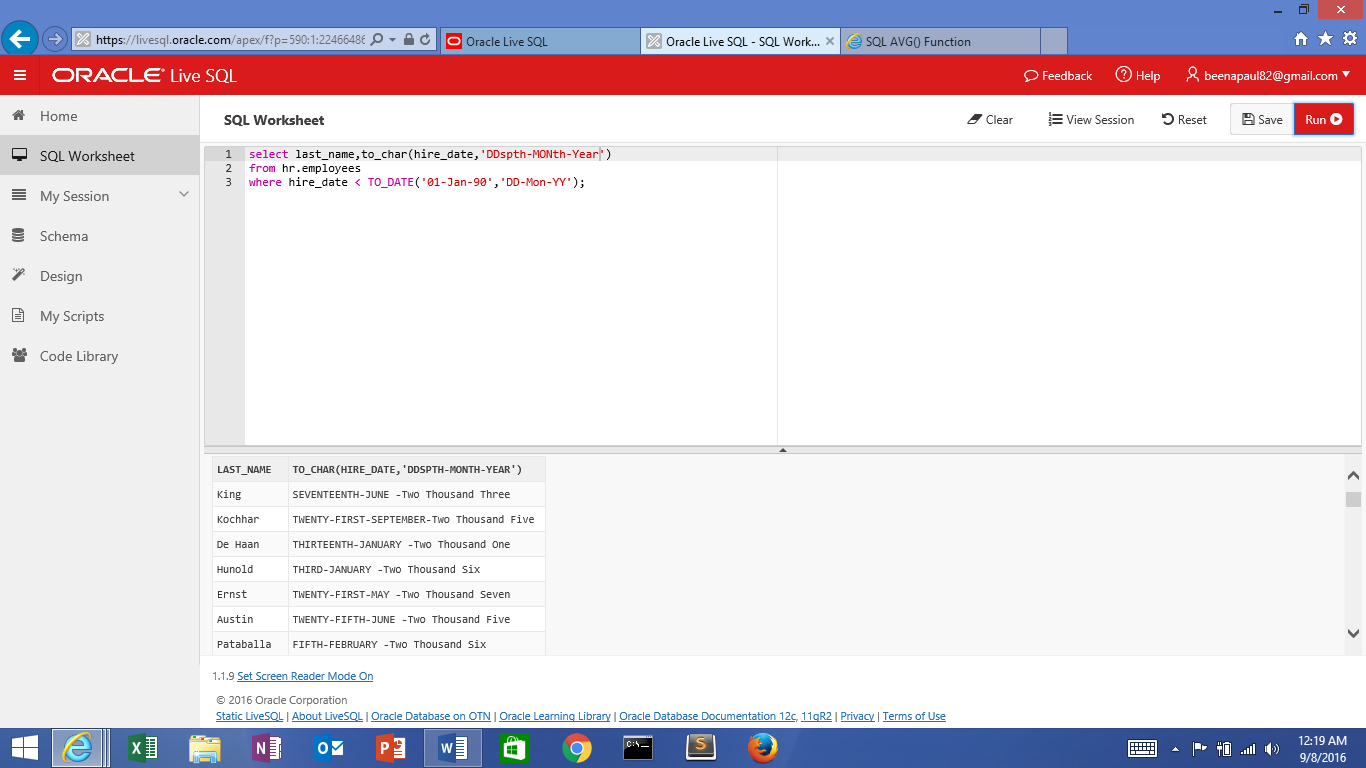
where hire\_date < TO\_DATE('01-Jan-90','DD-Mon-YY');



select last\_name,to\_char(hire\_date,'DDspth-MONth-Year')

from hr.employees

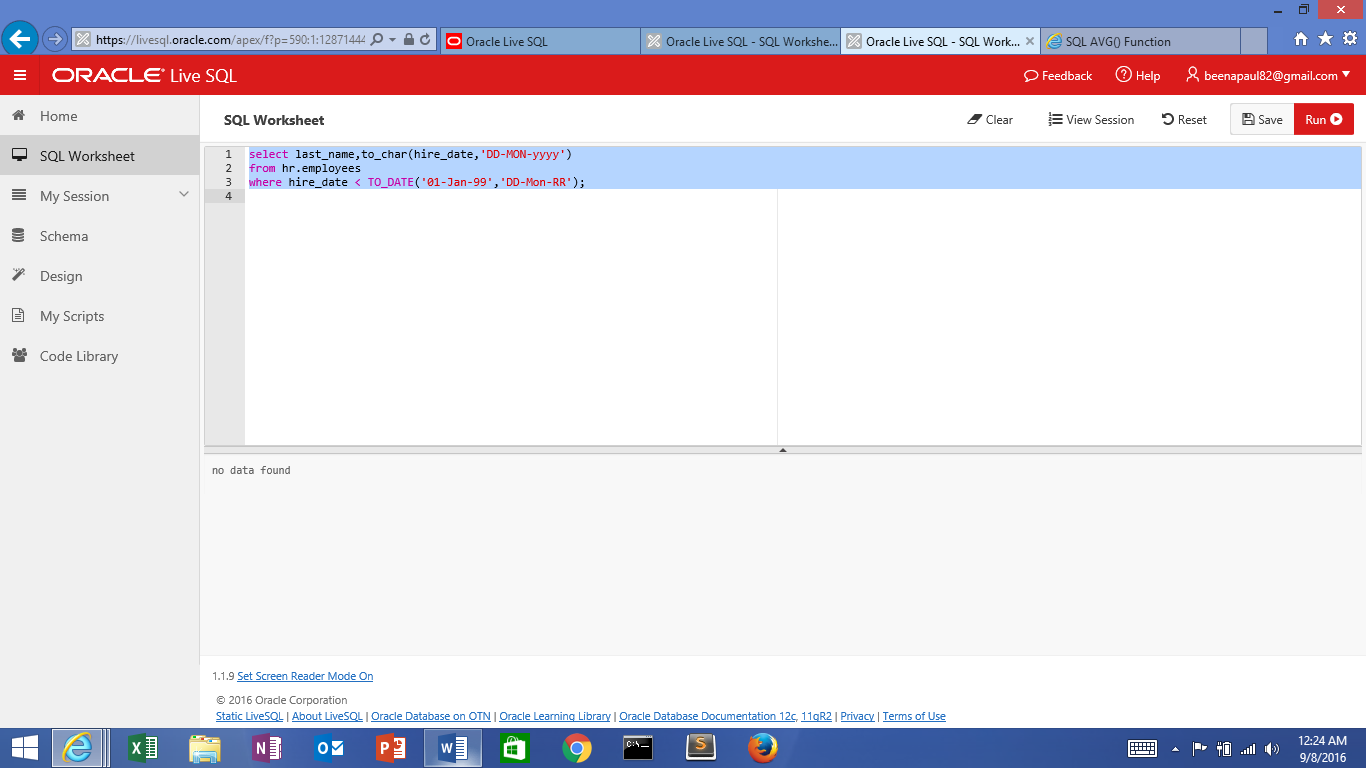
where hire\_date < TO\_DATE('01-Jan-90','DD-Mon-YY');



select last\_name,to\_char(hire\_date,'DD-MON-yyyy')

from hr.employees

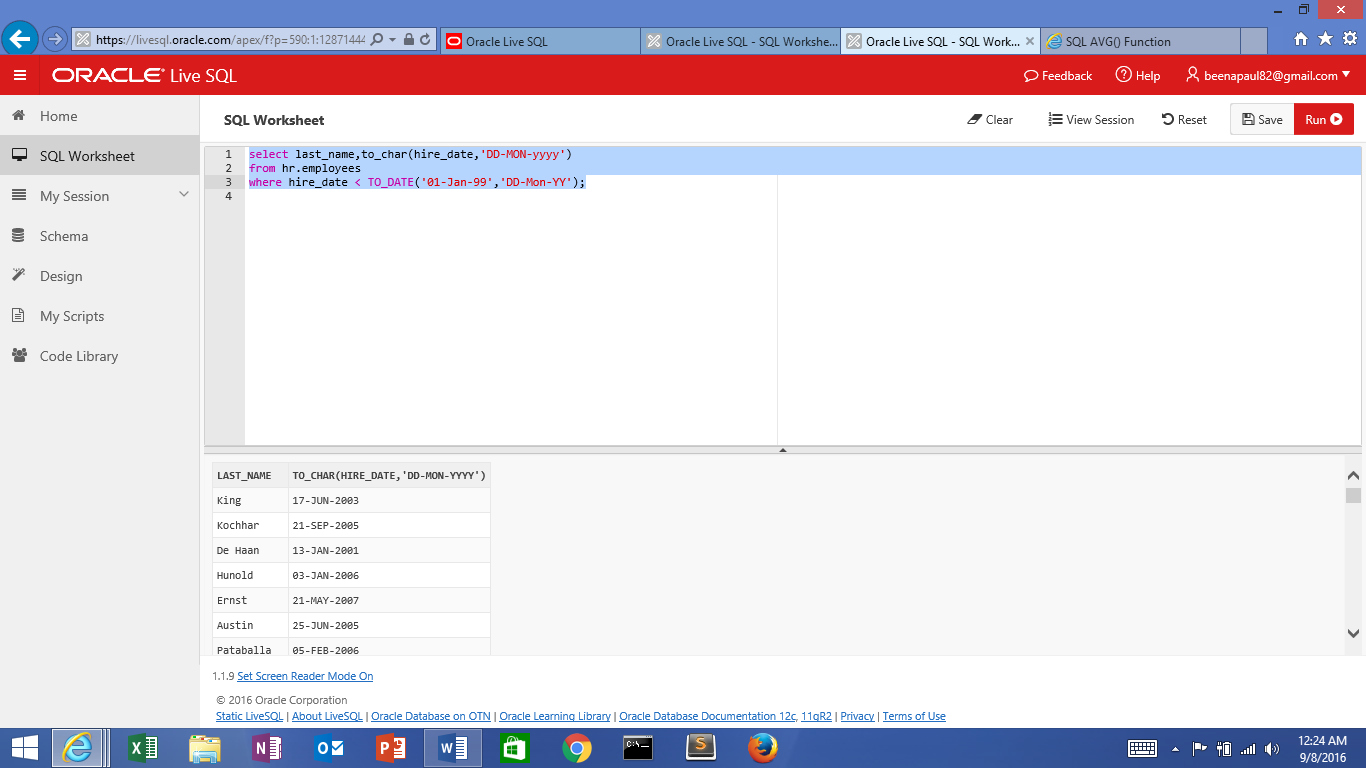
where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-RR');



select last\_name,to\_char(hire\_date,'DD-MON-yyyy')

from hr.employees

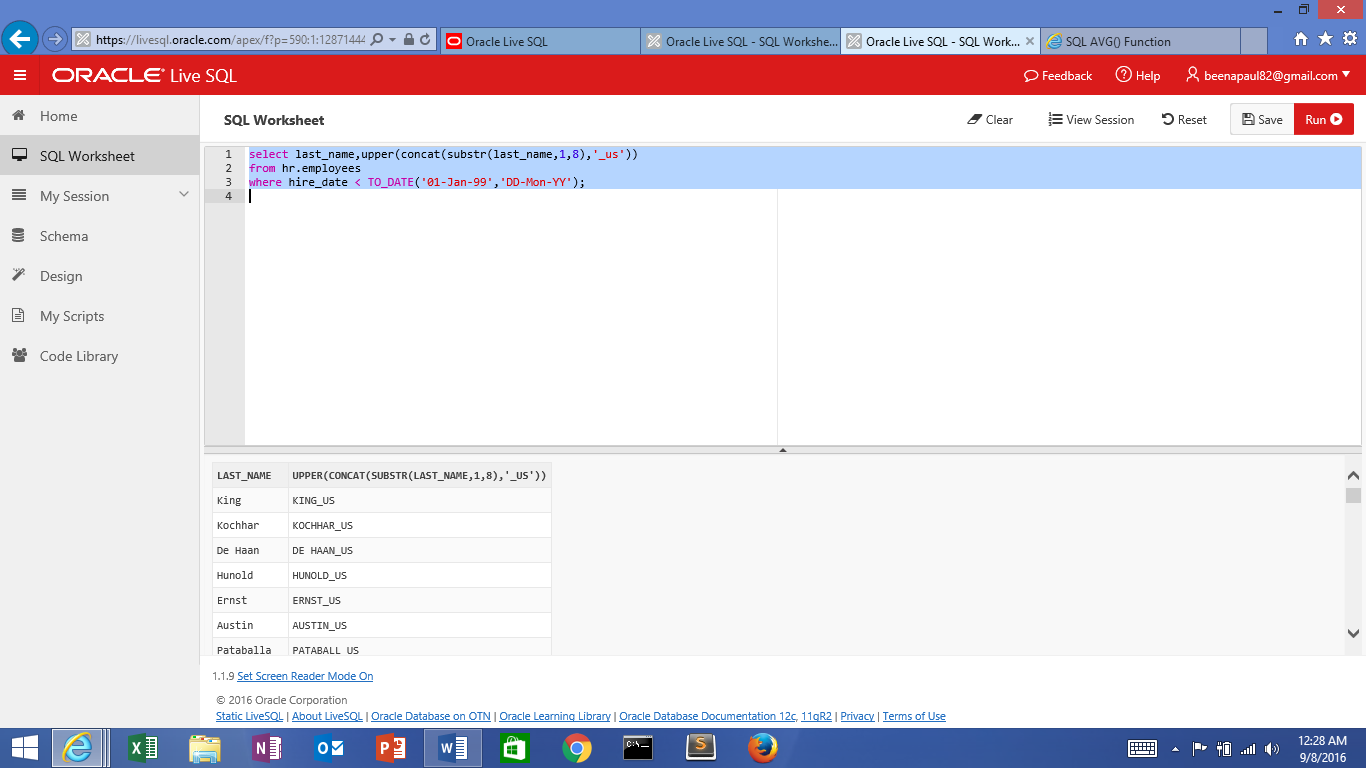
where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');



select last\_name,upper(concat(substr(last\_name,1,8),'\_us'))

from hr.employees

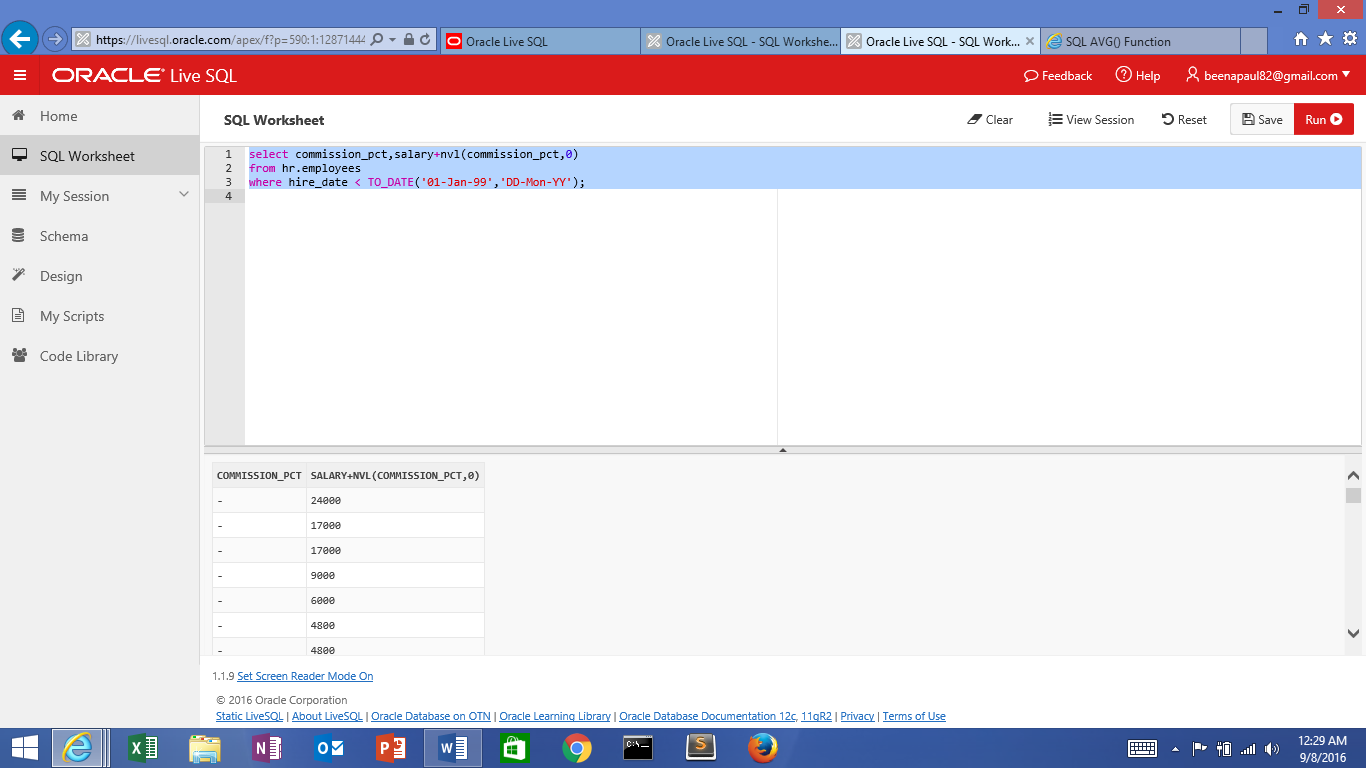
where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');



select commission\_pct,salary+nvl(commission\_pct,0)

from hr.employees

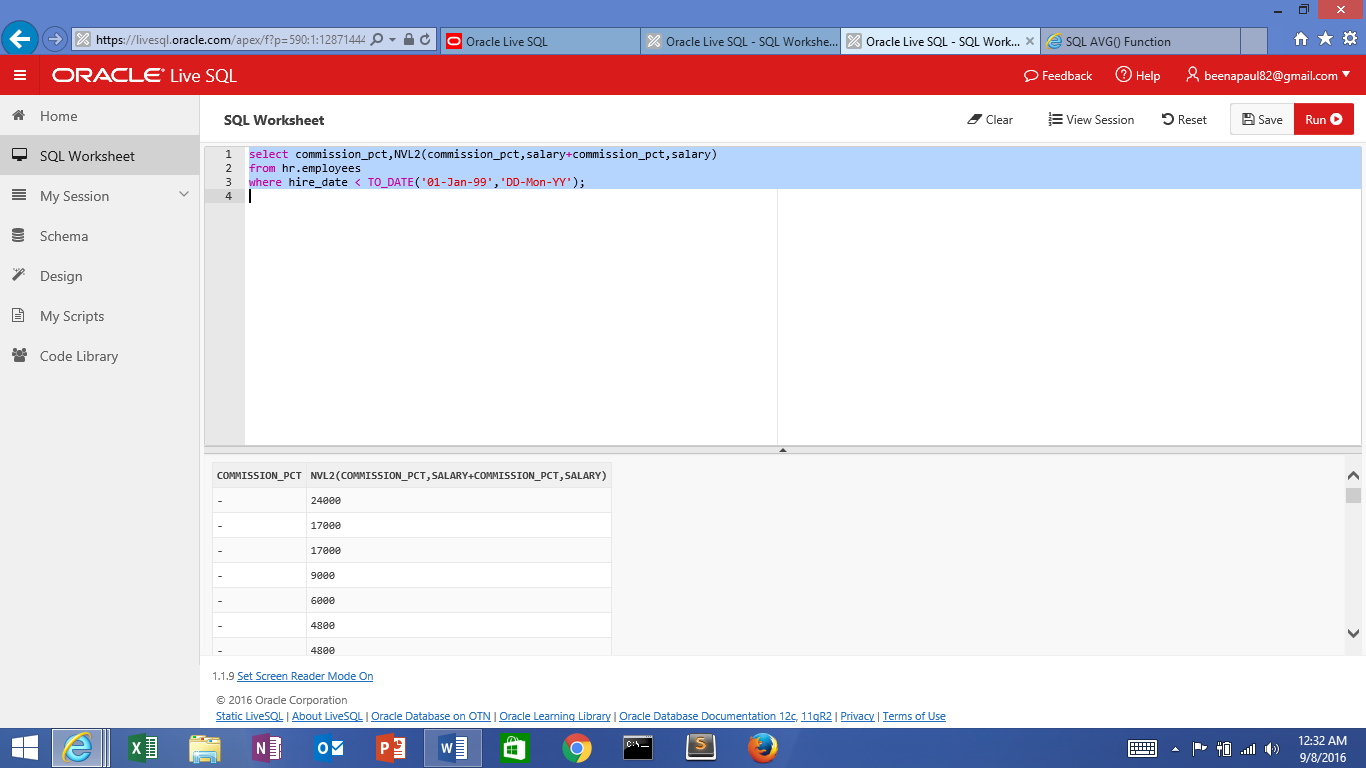
where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');



select commission\_pct,NVL2(commission\_pct,salary+commission\_pct,salary)

from hr.employees

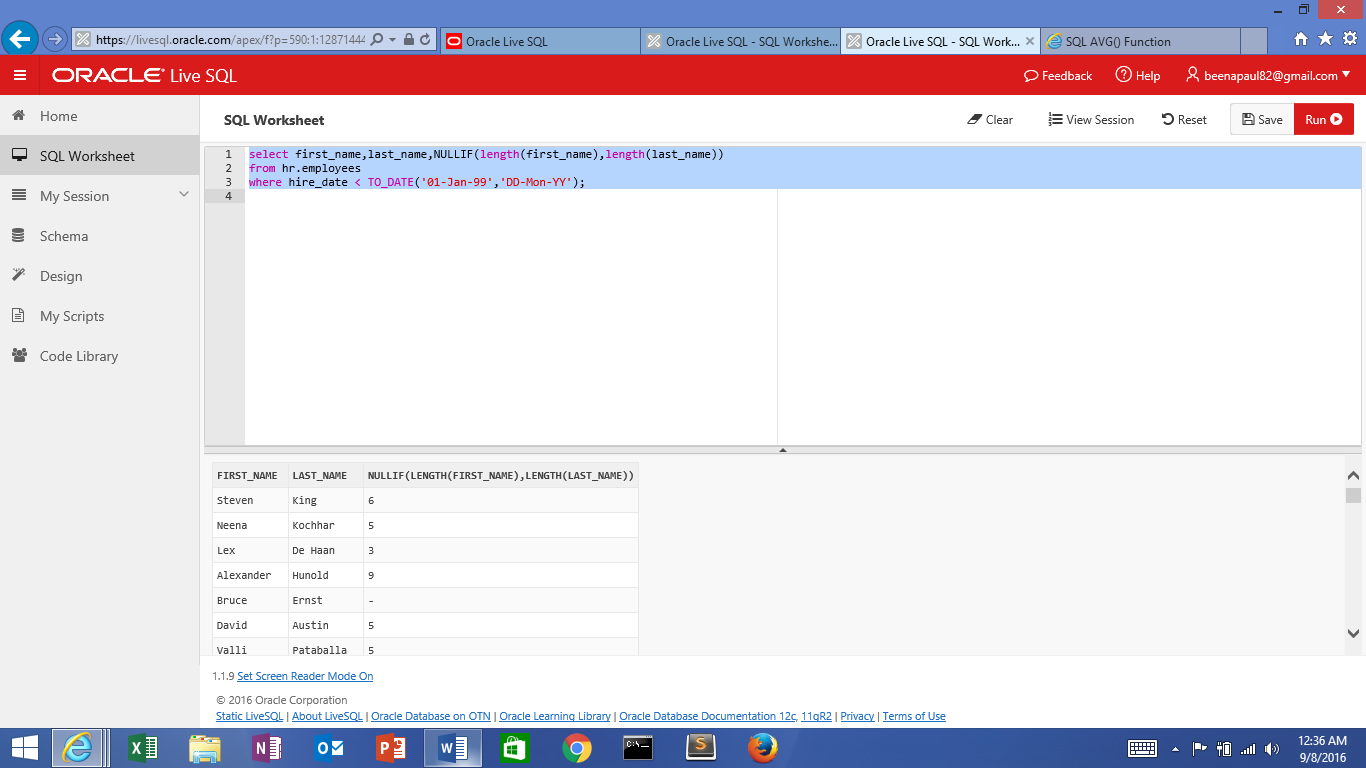
where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');



select first\_name,last\_name,NULLIF(length(first\_name),length(last\_name))

from hr.employees

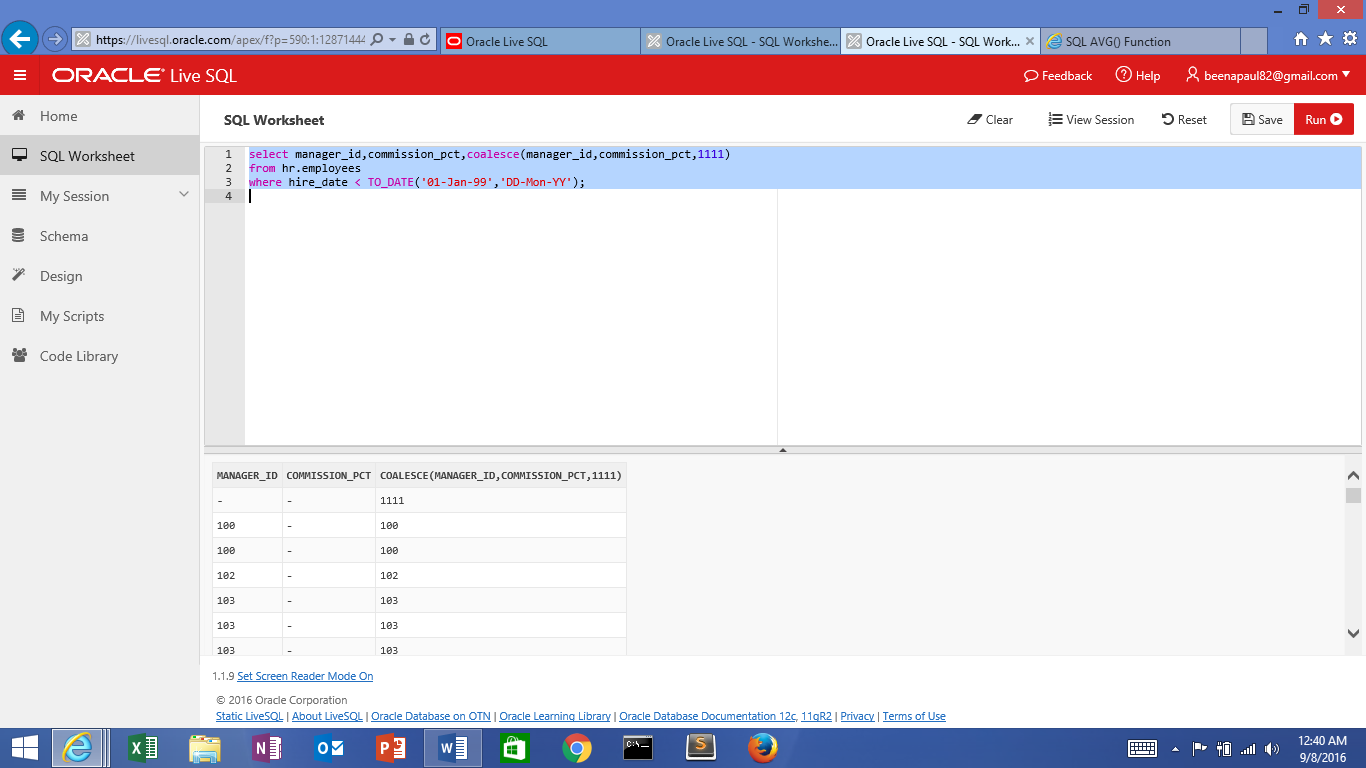
where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');



select manager\_id,commission\_pct,coalesce(manager\_id,commission\_pct,1111)

from hr.employees

where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');



select job\_id,salary,

CASE job\_id WHEN 'IT\_PROG' THEN 1.10\*salary

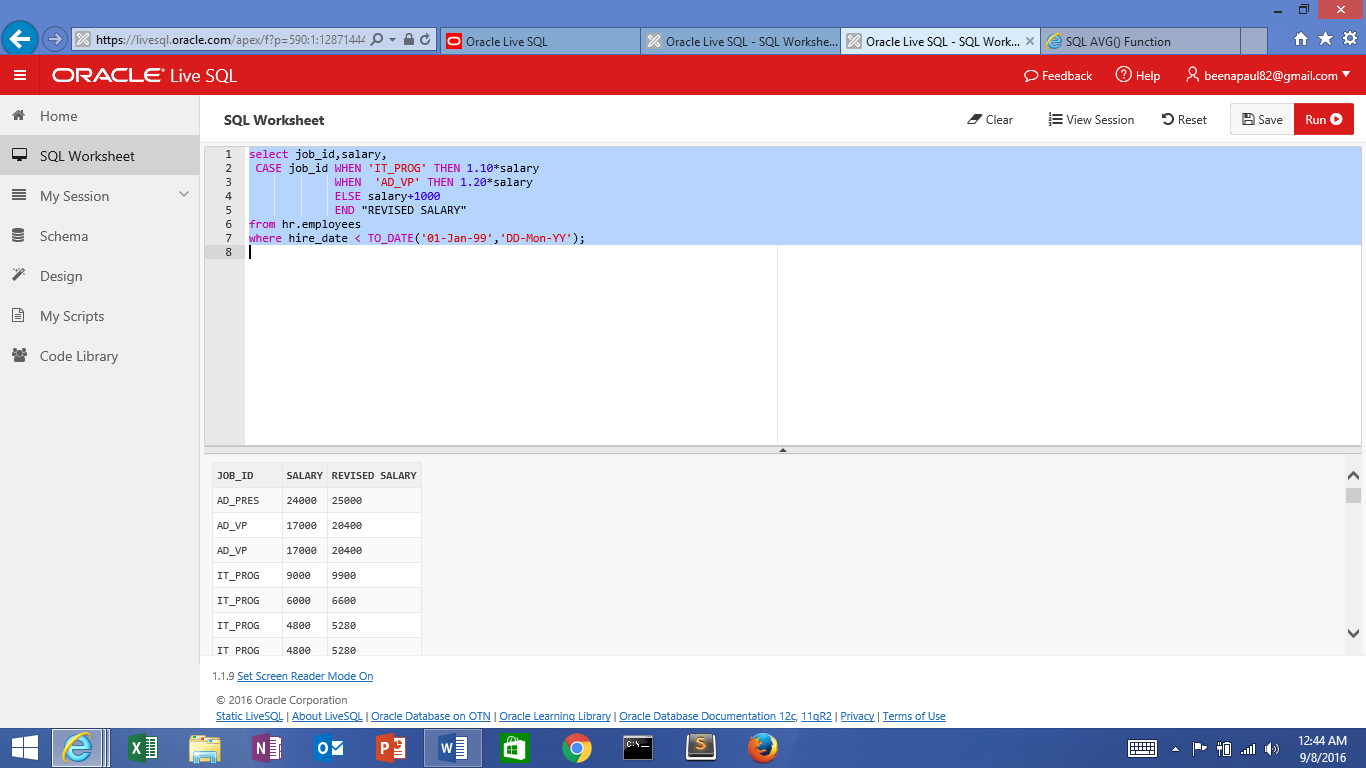
WHEN 'AD\_VP' THEN 1.20\*salary

ELSE salary+1000

END "REVISED SALARY"

from hr.employees

where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');



select job\_id,salary,

DECODE (job\_id , 'IT\_PROG' , 1.10\*salary,

'AD\_VP', 1.20\*salary,

salary+2000)

"REVISED SALARY"

from hr.employees

where hire\_date < TO\_DATE('01-Jan-99','DD-Mon-YY');

