TCL ( transaction commite language)

Q:1 -create a tabe trandemo(x int) insert a new record value1

Ans: create table trandemo (x int)

insert into trandemo values(1)

select \* from trandemo

Q:2: start new session and start explicit transaction insert records 2,3,4 in above transdemo table at end discard these recods view data of table

Ans: begin tran

insert into trandemo values(2)

insert into trandemo values(3)

insert into trandemo values(4)

rollback tran

Q:3 list name ,job,sal along with highest sal for each emp also list the diffrece

Ans: select ename,job,sal,max(sal) over() "higest salary" ,max(sal) over()-sal as Diff from emp

Q-4-list name,job,sal,deptno along with highest sak shown differently for every dept

Ans: select ename,job,sal,deptno, max(sal) over(partition by deptno) "depat wise sal" from emp

Q-5 – rank the sal and patation by deptno name,job,sal,deptno along with highest sak shown differently for every dept

select ename,job,sal,deptno, DENSE\_RANK() over (partition by deptno order by sal desc) "depat wise sal" from emp

Exception/Error Handling

Q-1- Execute query to find out total of ename. If name is char type error is thrown.  
    Write a catch block to print a message --"Data type of ename mis matched"

Ans: begin try

select ename+SAL

from emp

end try

begin catch

select 'Data type of ename mis matched'

end catch

example for try cach,tran,rollback

begin try

begin tran

insert into funds values(144)

insert into funds values(-12)

commit tran

end try

begin catch

rollback

end catch