SQL\*Plus: Release 21.0.0.0.0 - Production on Tue Sep 24 23:12:39 2024 Version 21.3.0.0.0 Copyright (c) 1982, 2021, Oracle. All rights reserved. Enter user-name: system Enter password: Last Successful login time: Tue Sep 24 2024 23:08:31 +05:30 Connected to: Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production Version 21.3.0.0.0 SQL> create table o\_rollcall1(rno int, name varchar(20),status varchar(30)); Table created. SQL> create table n\_rollcall1(rno int, name varchar(20),status varchar(30)); Table created. SQL> insert into n\_rollcall1 values(2,'Summit','Present'); 1 row created. SQL> insert into n\_rollcall1 values(3,'Ram','Present'); 1 row created. SQL> insert into n\_rollcall1 values(6,'isha','Present'); 1 row created. SQL> insert into o\_rollcall1 values(1,'Anisha','Present'); 1 row created. SQL> insert into o\_rollcall1 values(2,'Summit','Present'); 1 row created. SQL> insert into o\_rollcall1 values(3,'Ram','Present'); 1 row created. SQL> insert into o\_rollcall1 values(4,'Ram','Absent'); 1 row created. SQL> insert into o\_rollcall1 values(4,'Ram','Absent'); 1 row created. SQL> insert into o\_rollcall1 values(5,'Harshal','Present'); 1 row created. SQL> select \*from o\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 1 Anisha Present 2 Summit Present 3 Ram Present 4 Ram Absent 4 Ram Absent 5 Harshal Present 6 rows selected. SQL> begin 2 update o\_rollcall1 set status='Absent' where rno=5; 3 if sql%found then 4 dbms\_output.put\_line('Updated'); 5 end if; 6 if sql%notfound then 7 dbms\_output.put\_line('Not updated - not found'); 8 end if; 9 if sql%rowcount>0 then 10 dbms\_output.put\_line(sql%rowcount||'rows updated'); 11 else 12 dbms\_output.put\_line('No rows updated'); 13 end if; 14 end; 15 / PL/SQL procedure successfully completed. SQL> set serveroutput on; SQL> begin 2 update o\_rollcall1 set status='Absent' where rno=5; 3 if sql%found then 4 dbms\_output.put\_line('Updated'); 5 end if; 6 if sql%notfound then 7 dbms\_output.put\_line('Not updated - not found'); 8 end if; 9 if sql%rowcount>0 then 10 dbms\_output.put\_line(sql%rowcount||'rows updated'); 11 else 12 dbms\_output.put\_line('No rows updated'); 13 end if; 14 end; 15 / Updated 1rows updated PL/SQL procedure successfully completed. SQL> select \*from o\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 1 Anisha Present 2 Summit Present 3 Ram Present 4 Ram Absent 4 Ram Absent 5 Harshal Absent 6 rows selected. SQL> declare 2 cursor explicit\_cur is select rno,name,status from o\_rollcall1 where status='Present'; 3 tmp explicit\_cur%rowtype; 4 begin 5 dbms\_output.put\_line('Explicit Cursor Demo'); 6 open explicit\_cur; 7 loop exit when explicit\_cur%notfound; 8 fetch explicit\_cur into tmp; 9 dbms\_output.put\_line(' ROLLNO: '|| tmp.rno || ' NAME: '||tmp.name||' STATUS: '||tmp.status); 10 end loop; 11 if explicit\_cur%rowcount>0 then 12 dbms\_output.put\_line(explicit\_cur%rowcount||'rows found'); 13 else 14 dbms\_output.put\_line('No rows found'); 15 end if; 16 close explicit\_cur; 17 end; 18 / Explicit Cursor Demo ROLLNO: 1 NAME: Anisha STATUS: Present ROLLNO: 2 NAME: Summit STATUS: Present ROLLNO: 3 NAME: Ram STATUS: Present ROLLNO: 3 NAME: Ram STATUS: Present 3rows found PL/SQL procedure successfully completed. SQL> declare 2 cursor explicit\_cur is select rno,name,status from o\_rollcall1 where status='Present'; 3 tmp explicit\_cur%rowtype; 4 begin 5 dbms\_output.put\_line('Explicit Cursor Demo'); 6 open explicit\_cur; 7 fetch explicit\_cur into tmp; 8 loop exit when explicit\_cur%notfound; 9 fetch explicit\_cur into tmp; 10 dbms\_output.put\_line(' ROLLNO: '|| tmp.rno || ' NAME: '||tmp.name||' STATUS: '||tmp.status); 11 end loop; 12 if explicit\_cur%rowcount>0 then 13 dbms\_output.put\_line(explicit\_cur%rowcount||'rows found'); 14 else 15 dbms\_output.put\_line('No rows found'); 16 end if; 17 close explicit\_cur; 18 end; 19 / Explicit Cursor Demo ROLLNO: 2 NAME: Summit STATUS: Present ROLLNO: 3 NAME: Ram STATUS: Present ROLLNO: 3 NAME: Ram STATUS: Present 3rows found PL/SQL procedure successfully completed. SQL> declare 2 cursor explicit\_cur is select rno,name,status from o\_rollcall1 where status='Present'; 3 tmp explicit\_cur%rowtype; 4 begin 5 dbms\_output.put\_line('Explicit Cursor Demo'); 6 open explicit\_cur; 7 loop exit when explicit\_cur%notfound; 8 dbms\_output.put\_line(' ROLLNO: '|| tmp.rno || ' NAME: '||tmp.name||' STATUS: '||tmp.status); 9 fetch explicit\_cur into tmp; 10 end loop; 11 if explicit\_cur%rowcount>0 then 12 dbms\_output.put\_line(explicit\_cur%rowcount||'rows found'); 13 else 14 dbms\_output.put\_line('No rows found'); 15 end if; 16 close explicit\_cur; 17 end; 18 / Explicit Cursor Demo ROLLNO: NAME: STATUS: ROLLNO: 1 NAME: Anisha STATUS: Present ROLLNO: 2 NAME: Summit STATUS: Present ROLLNO: 3 NAME: Ram STATUS: Present 3rows found PL/SQL procedure successfully completed. SQL> set serveroutput on; SQL> declare 2 cursor for\_cur is select rno,name,status from o\_rollcall1 where status='Absent' ; 3 tmp for\_cur%rowtype; 4 begin 5 for tmp in for\_cur 6 loop 7 dbms\_output.put\_line(' ROLLNO: '||tmp.rno||''||' Name: '||tmp.name||''||'Status: '||tmp.status); 8 end loop; 9 end; 10 / ROLLNO: 4 Name: RamStatus: Absent ROLLNO: 4 Name: RamStatus: Absent ROLLNO: 5 Name: HarshalStatus: Absent PL/SQL procedure successfully completed. SQL> declare 2 roll number; 3 cursor param\_cur(roll number) is select \* from o\_rollcall1 where rno=roll; 4 tmp param\_cur%rowtype; 5 begin 6 roll:=&roll; 7 for tmp in param\_cur(roll) loop 8 dbms\_output.put\_line('Roll No: '||tmp.rno); 9 dbms\_output.put\_line('Name: '||tmp.name); 10 dbms\_output.put\_line('Status: '||tmp.status); 11 end loop; 12 end; 13 / Enter value for roll: 4 old 6: roll:=&roll; new 6: roll:=4; Roll No: 4 Name: Ram Status: Absent Roll No: 4 Name: Ram Status: Absent PL/SQL procedure successfully completed. SQL> select \* from o\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 1 Anisha Present 2 Summit Present 3 Ram Present 4 Ram Absent 4 Ram Absent 5 Harshal Absent 6 rows selected. SQL> select \* from n\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 2 Summit Present 3 Ram Present 6 isha Present SQL> delete \* from o\_rollcall1 where rno=4 or rno=5; delete \* from o\_rollcall1 where rno=4 or rno=5 \* ERROR at line 1: ORA-00903: invalid table name SQL> delete from o\_rollcall1 where rno=4 or rno=5; 3 rows deleted. SQL> select \* from o\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 1 Anisha Present 2 Summit Present 3 Ram Present SQL> select \* from n\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 2 Summit Present 3 Ram Present 6 isha Present SQL> begin 2 merge into n\_rollcall1 t1 using (select rno,name,status from o\_rollcall1) t2 on (t1.rno=t2.rno) when not matched then insert values(t2.rno,t2.name,t2.status); 3 if sql%rowcount>0 then 4 dbms\_output.put\_line('Merged ' ||sql%rowcount||' Rows updated'); 5 else 6 dbms\_output.put\_line('no rows updated'); 7 end if; 8 if sql%notfound then 9 dbms\_output.put\_line('Not Merged'); 10 end if; 11 end; 12 / Merged 1 Rows updated PL/SQL procedure successfully completed. SQL> set serveroutput on; SQL> begin 2 merge into n\_rollcall1 t1 using (select rno,name,status from o\_rollcall1) t2 on (t1.rno=t2.rno) when not matched then insert values(t2.rno,t2.name,t2.status); 3 if sql%rowcount>0 then 4 dbms\_output.put\_line('Merged ' ||sql%rowcount||' Rows updated'); 5 else 6 dbms\_output.put\_line('no rows updated'); 7 end if; 8 if sql%notfound then 9 dbms\_output.put\_line('Not Merged'); 10 end if; 11 end; 12 / no rows updated Not Merged PL/SQL procedure successfully completed. SQL> select \* from o\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 1 Anisha Present 2 Summit Present 3 Ram Present SQL> select \* from n\_rollcall1; RNO NAME STATUS ---------- -------------------- ------------------------------ 2 Summit Present 3 Ram Present 6 isha Present 1 Anisha Present SQL>