

Developed by,

Typist : Vithlani Kuldeep

Developer: Keval Goriya

Support : Patel Ashok

Debugging: Malek Soyeb

Monarch Bhatt

Finance: Ashish Virani

Visitors: Patel Vimal(Duration:15 Mins)

: Meshwaniya Tushar(Duration :30Mins only sleeping)

Special Thanks to

Our sincere

Vithlani Kuldeep

Katrodiya Bhavin

Camaramen & lights

Keval PC-G5,

NICM-Boys Hostel

Gandhinagar



U HAVE TO MAKE REQUIRE TABLE ACCORDING TO PROGRAMS

```
set serveroutput on
```

```
begin
```

```
dbms_output.put_line('Welcome to plsql world');
```

```
end;
```

---

```
set serveroutput on
```

```
declare
```

```
v_no1 number(2):=&v_no1;
```

```
v_no2 number(2):=&v_no2;
```

```
v_no3 number(2);
```

```
begin
```

```
v_no3:=v_no1+v_no2;
```

```
dbms_output.put_line('Sum is = ' || v_no3);
```

```
end;
```

```
set serveroutput on
```

```
declare
```

```
v_no number(2):=&v_no1;
```

```
begin
```

```
if (mod(v_no,2)=0)
```

```
then
```

```
    dbms_output.put_line(v_no || 'is even');
```

```
else
```

```
    dbms_output.put_line(v_no || 'is odd');
```

```
end if;
```

```
end;
```

-----

```
set serveroutput on
```

```
declare
```

```
v_no1 number(2):=&v_no1;
```

```
v_no2 number(2):=&v_no2;
```

```
v_no3 number(2):=&v_no3;
```

```
begin
```

```
if(v_no1<v_no2) then
```

```
    if (v_no1<v_no3) then
```

```
        dbms_output.put_line(v_no1 || 'is minimum');
```

```
    else
```

```
        dbms_output.put_line(v_no3 || 'is minimum');
```

```
    end if;
```

```
else
```

```
    if(v_no2<v_no3) then
```

```
        dbms_output.put_line(v_no2 || 'is minimum');
```

```
    else
```

```
        dbms_output.put_line(v_no3 || 'is minimum');
```

```
    end if;
```

```
end if;
```

```
end;
```

---

set serveroutput on

declare

v\_no1 number(2):=&v\_no;

begin

loop

dbms\_output.put\_line(v\_no1);

v\_no1:=v\_no1+1;

exit when v\_no1=10;

end loop;

end;

---

```
set serveroutput on
```

```
declare
```

```
v_no1 number(2):=&v_no;
```

```
begin
```

```
while v_no1<10
```

```
loop
```

```
    dbms_output.put_line(v_no1);
```

```
    v_no1:=v_no1+1;
```

```
end loop;
```

```
end;
```

---

```
set serveroutput on
```

```
declare
```

```
v_no1 number(2);
```

```
begin
```

```
for v_no1 in 1..10
```

```
loop
```

```
    dbms_output.put_line(v_no1);
```

```
end loop;
```

```
end;
```

---



```
set serveroutput on
```

```
declare
```

```
v_no1 number(2);
```

```
begin
```

```
for v_no1 in reverse 1..10
```

```
loop
```

```
    dbms_output.put_line(v_no1);
```

```
end loop;
```

```
end;
```

---

```
set serveroutput on
```

```
declare
```

```
v_no1 emp.eno %type:=&v_no;
```

```
v_name emp.ename %type;
```

```
begin
```

```
select eno,ename into v_no1,v_name from emp where eno=v_no1;
```

```
dbms_output.put_line('Eno = ' || v_no1);
```

```
dbms_output.put_line('Ename = ' || v_name);
```

```
end;
```

Procedure-----

```
set serveroutput on
```

```
create or replace procedure p1(v_no in number,v_name out varchar2)
```

```
is
```

```
begin
```

```
select ename into v_name from emp where eno=v_no;
```

```
end p1;
```

main program-----

```
set serveroutput on
```

```
declare
```

```
v_no1 emp.eno %type:=&v_no;
```

```
v_name emp.ename %type;
```

```
begin
```

```
p1(v_no1,v_name);
```

```
dbms_output.put_line('Ename = ' || v_name);
```

```
end;
```

Function-----

```
set serveroutput on
```

```
create or replace function f1(v_no number) return varchar2
```

```
is
```

```
v_name emp.ename %type;
```

```
begin
```

```
select ename into v_name from emp where eno=v_no;
```

```
return v_name;
```

```
end f1;
```

Main Program-----

```
set serveroutput on
```

```
declare
```

```
v_no1 emp.eno %type:=&v_no;
```

```
v_name emp.ename %type;
```

```
begin
```

```
v_name:=f1(v_no1);
```

```
dbms_output.put_line('Ename = ' || v_name);
```

```
end;
```

---

create or replace trigger t1 before insert on emp for each row

begin

    if(:new.eno>10)

    then

        --dbms\_output.put\_line('pls enter valid eno');

        raise\_application\_error(-20000,'pls enter valid eno');

    end if;

end;

---

create or replace trigger t1 after insert on emp for each row

begin

    if(:new.eno>10)

    then

        --dbms\_output.put\_line('pls enter valid eno');

        raise\_application\_error(-20000,'pls enter valid eno');

    end if;

end;

---

create or replace trigger t1 before insert or delete or update on emp for each row

begin

if inserting

then

    if(:new.eno>10)

    then

        --dbms\_output.put\_line('pls enter valid eno');

        raise\_application\_error(-20000,'pls enter valid eno');

    end if;

end if;

if deleting

    then

        insert into delemp values(:old.eno,:old.ename,'deleted');

end if;

if updating

    then

        insert into upemp values(:old.eno,:old.ename,'uD at' || sysdate  
                                  ,:new.eno,:new.ename);

end if;

end;

-----

CURSOR-IMPLICIT

-----

SET SERVEROUTPUT ON;

DECLARE

NO EMP.ENO %TYPE;

NAME EMP.ENAME %TYPE;

BEGIN

NO:=&NO;

NAME:='&NAME';

--INSERT INTO EMP VALUES(NO,NAME);

UPDATE EMP SET ENAME='KEVAL' WHERE ENO=10;

IF(SQL%FOUND=TRUE)

THEN

DBMS\_OUTPUT.PUT\_LINE('DATA FOUND');

dbms\_output.put\_line('rOW AFFECTED '||TO\_CHAR(SQL%ROWCOUNT));

ELSE

DBMS\_OUTPUT.PUT\_LINE('CURSOR NOT FOUND');

END IF;

END;

---

CURSOR-EXPLICIT

---

DECLARE

V\_ENO EMP.ENO %TYPE;

V\_ENAME EMP.ENAME %TYPE;

CURSOR C1 IS SELECT eno,ename FROM EMP;

BEGIN

OPEN C1;

dbms\_output.put\_line(rpad('no',9,' ') || 'name');

loop

    FETCH C1 INTO V\_ENO,V\_ENAME;

        EXIT WHEN C1%NOTFOUND;

        exit when c1%rowcount>2;

        DBMS\_OUTPUT.PUT\_LINE(rpad(V\_ENO,7,' ') || ' ' || V\_ENAME);

END LOOP;

CLOSE C1;

END;

---



DECLARE

    v emp%rowtype;

    CURSOR C1 IS SELECT eno,ename FROM EMP;

BEGIN

    OPEN C1;

    dbms\_output.put\_line(rpad('no',9,' ') || 'name');

    loop

        FETCH C1 INTO V.ENO,V.ENAME;

        EXIT WHEN C1%NOTFOUND;

        DBMS\_OUTPUT.PUT\_LINE(rpad(V.ENO,7,' ') || ' ' || V.ENAME);

    END LOOP;

    CLOSE C1;

END;

-----

--using cursor for loop.....

DECLARE

CURSOR C1 IS SELECT eno,ename FROM EMP;

BEGIN

dbms\_output.put\_line(rpad('no',9,' ') || 'name');

for emp1 in c1

loop

DBMS\_OUTPUT.PUT\_LINE(rpad(emp1.eno,7,' ') || ' ' || emp1.eNAME);

END LOOP;

END;

---

send your feedback on [ashokpatel24@yahoo.com](mailto:ashokpatel24@yahoo.com)