--1

SET SERVEROUTPUT ON;

DECLARE

DEPT\_ID DEPT.ID%TYPE:=2002;

DEPT\_NAME DEPT.NAME%TYPE:='TRAINING';

BEGIN

INSERT INTO DEPT(ID,NAME) VALUES(DEPT\_ID,DEPT\_NAME);

UPDATE DEPT SET NAME=DEPT\_NAME WHERE ID=100;

DELETE FROM DEPT WHERE ID=200;

END;

--2

CREATE SEQUENCE SEQ\_THREE

INCREMENT BY 10

START WITH 25000

MAXVALUE 60000

NOCACHE

NOCYCLE;

SET SERVEROUTPUT ON;

DECLARE

SEQ\_NEXTVALUE NUMBER:=SEQ\_THREE.NEXTVAL;

SEQ\_CURRVALUE NUMBER;

BEGIN

INSERT INTO DEPT(ID,NAME)VALUES(SEQ\_NEXTVALUE,'ABC');

SEQ\_CURRVALUE:=SEQ\_THREE.CURRVAL;

DELETE FROM DEPT WHERE ID=SEQ\_CURRVALUE;

END;

SELECT\*FROM DEPT;

--3

SET SERVEROUTPUT ON;

BEGIN

DELETE FROM DEPT WHERE ID=10;

DBMS\_OUTPUT.PUT\_LINE('NO OF ROWS DELETED:'||SQL%ROWCOUNT);

END;

--4

SET SERVEROUTPUT ON;

DECLARE

DEPT\_ID DEPT.ID%TYPE:=100;

DEPT\_NAME DEPT.NAME%TYPE;

BEGIN

SELECT NAME INTO DEPT\_NAME FROM DEPT WHERE ID=DEPT\_ID;

DBMS\_OUTPUT.PUT\_LINE('DEPT\_NAME:'||DEPT\_NAME);

END;

--5

SET SERVEROUTPUT ON;

DECLARE

DEPT\_ID DEPT.ID%TYPE:=3300;

BEGIN

DELETE FROM DEPT WHERE ID=DEPT\_ID;

IF SQL%FOUND THEN

DBMS\_OUTPUT.PUT\_LINE('ROWS DELETED');

ELSE

DBMS\_OUTPUT.PUT\_LINE('NO ROWS DELETED');

END IF;

END;

--6

SET SERVEROUTPUT ON;

DECLARE

DEPT\_ID DEPT.ID%TYPE:=200;

BEGIN

UPDATE DEPT SET NAME='TRAINING' WHERE ID=DEPT\_ID;

IF SQL%NOTFOUND THEN

DBMS\_OUTPUT.PUT\_LINE('NO MATCHINF ROWS FOUND');

ELSE

DBMS\_OUTPUT.PUT\_LINE('UPDATED SUCCESSFULLY');

END IF;

END;

--7

SET SERVEROUTPUT ON;

DECLARE

EMP\_RECORD EMP%ROWTYPE;

EMP\_ID EMP.ID%TYPE:=&ID;

BEGIN

SELECT \* INTO EMP\_RECORD FROM EMP WHERE ID=EMP\_ID;

DBMS\_OUTPUT.PUT\_LINE(EMP\_RECORD.LAST\_NAME||' '||EMP\_RECORD.FIRST\_NAME);

END;

--8

SET SERVEROUTPUT ON;

DECLARE

EMP\_RECORD EMPLOYEES%ROWTYPE;

EMP\_ID EMPLOYEES.EMPLOYEE\_ID%TYPE:=120;

BEGIN

SELECT \* INTO EMP\_RECORD FROM EMPLOYEES WHERE EMPLOYEE\_ID=EMP\_ID;

DBMS\_OUTPUT.PUT\_LINE('LAST\_NAME:'||EMP\_RECORD.LAST\_NAME);

DBMS\_OUTPUT.PUT\_LINE('FIRST\_NAME:'||EMP\_RECORD.FIRST\_NAME);

DBMS\_OUTPUT.PUT\_LINE('DEPT\_ID:'||EMP\_RECORD.DEPARTMENT\_ID);

END;

--9

DECLARE

CURSOR EMP\_CURSOR IS

SELECT \* FROM EMPLOYEES;

EMP\_RECORD EMP\_CURSOR%ROWTYPE;

BEGIN

OPEN EMP\_CURSOR;

LOOP

FETCH EMP\_CURSOR INTO EMP\_RECORD;

EXIT WHEN EMP\_CURSOR%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE('FIRST\_NAME:'||EMP\_RECORD.FIRST\_NAME);

DBMS\_OUTPUT.PUT\_LINE('LAST\_NAME:'||EMP\_RECORD.LAST\_NAME);

DBMS\_OUTPUT.PUT\_LINE('DEPT\_ID:'||EMP\_RECORD.DEPARTMENT\_ID);

END LOOP;

CLOSE EMP\_CURSOR;

END;

--10

SET SERVEROUTPUT ON;

DECLARE

E\_ID EMPLOYEES.EMPLOYEE\_ID%TYPE;

E\_FNAME EMPLOYEES.LAST\_NAME%TYPE;

E\_LNAME EMPLOYEES.FIRST\_NAME%TYPE;

E\_SALARY EMPLOYEES.SALARY%TYPE;

CURSOR E\_CURSOR IS SELECT EMPLOYEE\_ID,LAST\_NAME,FIRST\_NAME,SALARY FROM EMPLOYEES;

BEGIN

OPEN E\_CURSOR;

LOOP

FETCH E\_CURSOR INTO E\_ID,E\_FNAME,E\_LNAME,E\_SALARY;

EXIT WHEN E\_CURSOR%NOTFOUND;

IF(E\_SALARY>5000)THEN

DBMS\_OUTPUT.PUT\_LINE(E\_ID);

DBMS\_OUTPUT.PUT\_LINE(E\_FNAME);

DBMS\_OUTPUT.PUT\_LINE(E\_LNAME);

DBMS\_OUTPUT.PUT\_LINE(E\_SALARY);

ELSE

DBMS\_OUTPUT.PUT\_LINE('NO RESULT');

END IF;

END LOOP;

CLOSE E\_CURSOR;

END;