/

SET SERVEROUTPUT ON;

DECLARE

v\_name customer.fname%TYPE;

v\_sqlnumber number;

BEGIN

SELECT fname INTO v\_name from customer where custid='C4';

DBMS\_OUTPUT.PUT\_LINE('NAME OF CUSTOMER :'||v\_name);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

v\_sqlnumber := SQLCODE;

DBMS\_OUTPUT.PUT\_LINE('SQLCODE:'||v\_sqlnumber);

END;

/

BEGIN

delete from departments where department\_id=60;

DBMS\_OUTPUT.PUT\_LINE('record deleted ');

EXCEPTION

WHEN OTHERS THEN

DBMS\_OUTPUT.PUT\_LINE('problem in removing record form database;');

END;

/

DECLARE

--DEPARTMENT\_EXCEPTION EXCEPTION;

BEGIN

delete from departments where department\_id=60;

DBMS\_OUTPUT.PUT\_LINE('record deleted ');

EXCEPTION

WHEN OTHERS THEN

RAISE\_APPLICATION\_ERROR(-20000,'problem in removing record form database');

-- client need to manage the exception

END;

/

DECLARE

DEPARTMENT\_EXCEPTION EXCEPTION;

PRAGMA EXCEPTION\_INIT( DEPARTMENT\_EXCEPTION,-02292);

BEGIN

delete from departments where department\_id=60;

DBMS\_OUTPUT.PUT\_LINE('record deleted ');

EXCEPTION

WHEN DEPARTMENT\_EXCEPTION THEN

DBMS\_OUTPUT.PUT\_LINE('please check the value in employee table ');

END;

DECLARE

v\_custid customer.custid%TYPE;

v\_name customer.fname%TYPE;

v\_count number;

BEGIN

v\_custid := '&cid';

IF v\_custid is not null and substr(v\_custid , 0,1)='C' THEN

SELECT count(fname) into v\_count from customer where custid=v\_custid;

IF v\_count>=1 THEN

SELECT fname into v\_name from customer where custid=v\_custid;

DBMS\_OUTPUT.PUT\_LINE('customer name'||v\_name );

ELSE

DBMS\_OUTPUT.PUT\_LINE('DATA BASE RECORD NOT FOUND' );

END IF;

ELSE

DBMS\_OUTPUT.PUT\_LINE('please enter the correct customer id' );

END IF;

END;

/

DECLARE

v\_custid customer.custid%TYPE;

v\_name customer.fname%TYPE;

v\_count number;

CUST\_ID\_EXCEPTION EXCEPTION; -- step1

BEGIN

v\_custid := '&cid';

IF v\_custid is not null and substr(v\_custid , 0,1)='C' THEN

SELECT count(fname) into v\_count from customer where custid=v\_custid;

IF v\_count>=1 THEN

SELECT fname into v\_name from customer where custid=v\_custid;

DBMS\_OUTPUT.PUT\_LINE('customer name'||v\_name );

ELSE

DBMS\_OUTPUT.PUT\_LINE('DATA BASE RECORD NOT FOUND' );

END IF;

ELSE

RAISE CUST\_ID\_EXCEPTION; -- raising for a false condition

END IF;

EXCEPTION

WHEN CUST\_ID\_EXCEPTION THEN -- managing the exception

DBMS\_OUTPUT.PUT\_LINE('CUSTOMER ID IS NOT VALID' );

END;

DECLARE

v\_custid customer.custid%TYPE;

v\_name customer.fname%TYPE;

v\_count number;

CUST\_ID\_EXCEPTION EXCEPTION; -- step1

BEGIN

v\_custid := '&cid';

IF v\_custid is not null and substr(v\_custid , 0,1)='C' THEN

SELECT count(fname) into v\_count from customer where custid=v\_custid;

IF v\_count>=1 THEN

SELECT fname into v\_name from customer where custid=v\_custid;

DBMS\_OUTPUT.PUT\_LINE('customer name'||v\_name );

ELSE

DBMS\_OUTPUT.PUT\_LINE('DATA BASE RECORD NOT FOUND' );

END IF;

ELSE

RAISE CUST\_ID\_EXCEPTION; -- raising for a false condition

END IF;

EXCEPTION

WHEN CUST\_ID\_EXCEPTION THEN -- managing the exception

DBMS\_OUTPUT.PUT\_LINE('CUSTOMER ID IS NOT VALID' );

END;

SET SERVEROUTPUT ON;

BEGIN

FOR var IN reverse 1..5

LOOP

DBMS\_OUTPUT.PUT\_LINE(var);

END LOOP;

END;

/

DECLARE

v\_sqlCode number ; -- varchar2(23);

v\_name CUSTOMER.fname%TYPE;

v\_city CUSTOMER.city%TYPE;

BEGIN

SELECT fname , city INTO v\_name , v\_city FROM CUSTOMER WHERE custid='00';

DBMS\_OUTPUT.PUT\_LINE('Name :'||v\_name ||'city '||v\_city);

EXCEPTION

WHEN OTHERS THEN

v\_sqlCode :=SQLCODE;

DBMS\_OUTPUT.PUT\_LINE(' problem in fetching the data from database for given id'||v\_sqlCode);

END;

DECLARE

BEGIN

-- varRec custome record type

FOR varRec IN (SELECT fname , city ,MOBILENO FROM CUSTOMER )

LOOP

DBMS\_OUTPUT.PUT\_LINE('Name :'|| varRec.fname ||'city '|| varRec.city);

END LOOP;

END;

DECLARE

BEGIN

-- varRec custome record type

FOR varRec IN (SELECT fname , MOBILENO FROM CUSTOMER WHERE city ='&my')

LOOP

DBMS\_OUTPUT.PUT\_LINE('Name :'|| varRec.fname ||'city '|| varRec.MOBILENO);

END LOOP;

END;

DECLARE

v\_sqlCode number ; -- varchar2(23);

v\_name CUSTOMER.fname%TYPE;

v\_city CUSTOMER.city%TYPE;

BEGIN

SELECT fname , city INTO v\_name , v\_city FROM CUSTOMER WHERE custid='00';

DBMS\_OUTPUT.PUT\_LINE('Name :'||v\_name ||'city '||v\_city);

EXCEPTION

WHEN OTHERS THEN

v\_sqlCode :=SQLCODE;

DBMS\_OUTPUT.PUT\_LINE(' problem in fetching the data from database for given id'||v\_sqlCode);

END;