*------------SAMPLE SCRIPT------------------*

declare

v\_cust\_no varchar2(20);

v\_cust\_ac\_no varchar2(50):=&p\_cust\_ac\_no;

v\_ac\_desc varchar2(400);

v\_lcy\_balance number;

v\_branch\_code varchar2(10);

begin

select cust\_no, cust\_ac\_no, ac\_desc, lcy\_balance, branch\_code

into v\_cust\_no, v\_cust\_ac\_no, v\_ac\_desc, v\_lcy\_balance, v\_branch\_code

from dep\_tbl

where cust\_ac\_no = &p\_cust\_ac\_no;

dbms\_output.put\_line('Customer No' || chr(9) || 'Account Number' ||

chr(9) || 'Account Name' || chr(9) ||

'Closing Balance' || chr(9) || 'Branch Code');

dbms\_output.put\_line('----------' || chr(9) || '----------' || chr(9) ||

'----------' || chr(9) || '----------' || chr(9) ||

'----------');

dbms\_output.put\_line(v\_cust\_no || chr(9) || v\_cust\_ac\_no || chr(9) ||

v\_ac\_desc || chr(9) || v\_lcy\_balance || chr(9) ||

v\_branch\_code);

END;

*----------------PREDEFINED EXCEPTION HANDLING ---------------------*

declare

v\_cust\_no varchar2(20);

v\_cust\_ac\_no varchar2(50):=&p\_cust\_ac\_no;

v\_ac\_desc varchar2(400);

v\_lcy\_balance number;

v\_branch\_code varchar2(10);

begin

select cust\_no, cust\_ac\_no, ac\_desc, lcy\_balance, branch\_code

into v\_cust\_no, v\_cust\_ac\_no, v\_ac\_desc, v\_lcy\_balance, v\_branch\_code

from dep\_tbl

where cust\_ac\_no = &p\_cust\_ac\_no;

dbms\_output.put\_line('Customer No' || chr(9) || 'Account Number' ||

chr(9) || 'Account Name' || chr(9) ||

'Closing Balance' || chr(9) || 'Branch Code');

dbms\_output.put\_line('----------' || chr(9) || '----------' || chr(9) ||

'----------' || chr(9) || '----------' || chr(9) ||

'----------');

dbms\_output.put\_line(v\_cust\_no || chr(9) || v\_cust\_ac\_no || chr(9) ||

v\_ac\_desc || chr(9) || v\_lcy\_balance || chr(9) ||

v\_branch\_code);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN *--if no row is found by the query then this error will be raised*

DBMS\_OUTPUT.PUT\_LINE(v\_cust\_ac\_no||' does not exists.');

WHEN TOO\_MANY\_ROWS THEN *--if more than one row is found by the query then this error will be raised*

DBMS\_OUTPUT.PUT\_LINE(v\_cust\_ac\_no||' has duplicate account.');

WHEN OTHERS THEN *--this only become raised if the other errors are met*

DBMS\_OUTPUT.PUT\_LINE('Other errors');

END;

*----------------NON-DEFINED EXCEPTION HANDLING(USING SQL CODE)-------------------------*

declare

v\_cust\_no varchar2(20);

v\_cust\_ac\_no varchar2(50):=&p\_cust\_ac\_no;

v\_ac\_desc varchar2(400);

v\_lcy\_balance number;

v\_branch\_code varchar2(10);

e\_no\_records EXCEPTION;

PRAGMA EXCEPTION\_INIT(e\_no\_records,+100);

e\_more\_records EXCEPTION;

PRAGMA EXCEPTION\_INIT(e\_more\_records,-01422);

begin

select cust\_no, cust\_ac\_no, ac\_desc, lcy\_balance, branch\_code

into v\_cust\_no, v\_cust\_ac\_no, v\_ac\_desc, v\_lcy\_balance, v\_branch\_code

from dep\_tbl

where cust\_ac\_no = &p\_cust\_ac\_no;

dbms\_output.put\_line('Customer No' || chr(9) || 'Account Number' ||

chr(9) || 'Account Name' || chr(9) ||

'Closing Balance' || chr(9) || 'Branch Code');

dbms\_output.put\_line('----------' || chr(9) || '----------' || chr(9) ||

'----------' || chr(9) || '----------' || chr(9) ||

'----------');

dbms\_output.put\_line(v\_cust\_no || chr(9) || v\_cust\_ac\_no || chr(9) ||

v\_ac\_desc || chr(9) || v\_lcy\_balance || chr(9) ||

v\_branch\_code);

EXCEPTION

WHEN e\_no\_records THEN *--if no row is found by the query then this error will be raised*

DBMS\_OUTPUT.PUT\_LINE(v\_cust\_ac\_no||' does not exists.');

WHEN e\_more\_records THEN *--if more than one row is found by the query then this error will be raised*

DBMS\_OUTPUT.PUT\_LINE(v\_cust\_ac\_no||' has duplicate account.');

WHEN OTHERS THEN *--this only become raised if the other errors are met*

DBMS\_OUTPUT.PUT\_LINE('Other errors');

END;

*----------------USER DEFINED EXCEPTION ---------------------*

declare

v\_cust\_no varchar2(20);

v\_cust\_ac\_no varchar2(50):=&p\_cust\_ac\_no;

v\_ac\_desc varchar2(400);

v\_lcy\_balance number;

v\_branch\_code varchar2(10);

v\_count number:=0;

e\_no\_records EXCEPTION;

e\_more\_records EXCEPTION;

begin

select count(cust\_ac\_no) into v\_count from dep\_tbl

where cust\_ac\_no = v\_cust\_ac\_no;

if v\_count = 0 then raise e\_no\_records;

elsif v\_count > 1 then raise e\_more\_records;

else select cust\_no, cust\_ac\_no, ac\_desc, lcy\_balance, branch\_code

into v\_cust\_no, v\_cust\_ac\_no, v\_ac\_desc, v\_lcy\_balance, v\_branch\_code

from dep\_tbl

where cust\_ac\_no = v\_cust\_ac\_no;

end if;

dbms\_output.put\_line('Customer No' || chr(9) || 'Account Number' ||

chr(9) || 'Account Name' || chr(9) ||

'Closing Balance' || chr(9) || 'Branch Code');

dbms\_output.put\_line('----------' || chr(9) || '----------' || chr(9) ||

'----------' || chr(9) || '----------' || chr(9) ||

'----------');

dbms\_output.put\_line(v\_cust\_no || chr(9) || v\_cust\_ac\_no || chr(9) ||

v\_ac\_desc || chr(9) || v\_lcy\_balance || chr(9) ||

v\_branch\_code);

EXCEPTION

WHEN e\_no\_records THEN *--if no row is found by the query then this error will be raised*

DBMS\_OUTPUT.PUT\_LINE(v\_cust\_ac\_no||' does not exists.');

WHEN e\_more\_records THEN *--if more than one row is found by the query then this error will be raised*

DBMS\_OUTPUT.PUT\_LINE(v\_cust\_ac\_no||' has duplicate account.');

WHEN OTHERS THEN *--this only become raised if the other errors are met*

DBMS\_OUTPUT.PUT\_LINE('Other errors');

END;

*------------GENERAL EXCEPTION HANDLING------------*

declare

v\_cust\_no varchar2(20);

v\_cust\_ac\_no varchar2(50):=&p\_cust\_ac\_no;

v\_ac\_desc varchar2(400);

v\_lcy\_balance number;

v\_branch\_code varchar2(10);

v\_count number:=0;

v\_message varchar2(400);

begin

select cust\_no, cust\_ac\_no, ac\_desc, lcy\_balance, branch\_code

into v\_cust\_no, v\_cust\_ac\_no, v\_ac\_desc, v\_lcy\_balance, v\_branch\_code

from dep\_tbl

where cust\_ac\_no = v\_cust\_ac\_no;

*----- end if;*

dbms\_output.put\_line('Customer No' || chr(9) || 'Account Number' ||

chr(9) || 'Account Name' || chr(9) ||

'Closing Balance' || chr(9) || 'Branch Code');

dbms\_output.put\_line('----------' || chr(9) || '----------' || chr(9) ||

'----------' || chr(9) || '----------' || chr(9) ||

'----------');

dbms\_output.put\_line(v\_cust\_no || chr(9) || v\_cust\_ac\_no || chr(9) ||

v\_ac\_desc || chr(9) || v\_lcy\_balance || chr(9) ||

v\_branch\_code);

EXCEPTION

WHEN OTHERS THEN

v\_message := substr(sqlerrm, 1, 400);

DBMS\_OUTPUT.PUT\_LINE('Other errors: '||v\_message);

END;