*------RECORD CUSTOMER ACCOUNT SEARCH------*

declare

type employee\_salary\_type is record

(cust\_ac\_no varchar2(20), ac\_desc varchar2(300), lcy\_balance number, branch\_code varchar2(5));

v\_cust\_ac\_no varchar2(30):=&p\_cust\_ac\_no;

cust\_bal\_rec employee\_salary\_type;

begin

select cust\_ac\_no, ac\_desc, lcy\_Balance, BRANCH\_CODE

into cust\_bal\_rec

from dep\_tbl a

where a.cust\_ac\_no = v\_cust\_Ac\_no;

dbms\_output.put\_line('Account Number: '|| cust\_bal\_rec.cust\_ac\_no);

dbms\_output.put\_line('Account Name: '|| cust\_bal\_rec.ac\_desc);

dbms\_output.put\_line('Account Balance: '|| cust\_bal\_rec.lcy\_balance);

dbms\_output.put\_line('Account Branch: '|| cust\_bal\_rec.branch\_code);

end;

*------ROWTYPE CUSTOMER ACCOUNT SEARCH------*

declare

*/\*type employee\_salary\_type is record*

*(cust\_ac\_no varchar2(20), ac\_desc varchar2(300), lcy\_balance number, branch\_code varchar2(5));\*/*

v\_cust\_no varchar2(30):=&p\_cust\_no;

v\_cat varchar2(20):=&p\_cat;

cust\_bal\_rec tmp\_plsql\_cust%rowtype;

begin

for x in (select cust\_ac\_no from dep\_tbl where cust\_no = v\_cust\_no and Dep\_cat = v\_cat)

loop

select cust\_ac\_no, ac\_desc, lcy\_Balance, BRANCH\_CODE

into cust\_bal\_rec

from dep\_tbl a

where a.cust\_ac\_no = x.cust\_ac\_no;

dbms\_output.put\_line('Account Number: '|| cust\_bal\_rec.cust\_ac\_no);

dbms\_output.put\_line('Account Name: '|| cust\_bal\_rec.ac\_desc);

dbms\_output.put\_line('Account Balance: '|| cust\_bal\_rec.lcy\_balance);

dbms\_output.put\_line('Account Branch: '|| cust\_bal\_rec.branch\_code);

dbms\_output.put\_line('---------------------------------------------');

end loop;

end;

create table tmp\_plsql\_cust

as

select Cust\_no, cust\_ac\_no, ac\_desc, lcy\_balance, branch\_code from dep\_tbl

where ac\_desc like 'DANGOTE%' and DEP\_cat = 'TIME' ;

*----------EXPLICIT CURSOR WITH VARIABLE DECLARATION---------------*

declare

v\_cust\_no varchar2(20):= &p\_cust\_no;

v\_cust\_ac\_no varchar2(50);

v\_ac\_desc varchar2(400);

v\_lcy\_balance number;

v\_branch\_code varchar2(10);

v\_count number:=0;

cursor cust\_ac\_lookup is

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

from dep\_tbl

where cust\_no in (&p\_cust\_no);

begin

open cust\_ac\_lookup;

dbms\_output.put\_line('Customer Number: '||v\_cust\_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)||'----------');

loop

fetch cust\_ac\_lookup into v\_cust\_no, v\_cust\_ac\_no, v\_ac\_desc, v\_lcy\_balance, v\_branch\_code;

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);

v\_count:=v\_count+1;

exit when cust\_ac\_lookup%NOTFOUND;

end loop;

dbms\_output.put\_line('Total accounts found: ' || v\_count);

close cust\_ac\_lookup;

end;

*----------EXPLICIT CURSOR WITH ROWTYPE DECLARATION---------------*

declare

v\_cust\_no varchar2(20):= &p\_cust\_no;

v\_count number:=0;

cursor cust\_ac\_lookup is

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

from dep\_tbl

where cust\_no in (&p\_cust\_no);

cust\_bal\_rec cust\_ac\_lookup%rowtype;

begin

open cust\_ac\_lookup;

dbms\_output.put\_line('Customer Number: '||v\_cust\_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)||'----------');

loop

fetch cust\_ac\_lookup into cust\_bal\_rec;

dbms\_output.put\_line(cust\_bal\_rec.cust\_no||chr(9)||cust\_bal\_rec.cust\_ac\_no||chr(9)||cust\_bal\_rec.ac\_desc||chr(9)||cust\_bal\_rec.lcy\_balance||chr(9)||cust\_bal\_rec.branch\_code);

v\_count:=v\_count+1;

exit when cust\_ac\_lookup%NOTFOUND;

end loop;

dbms\_output.put\_line('Total accounts found: ' || v\_count);

close cust\_ac\_lookup;

end;