ASSIGNMENT NO:5 **DATE:16/11/2016**

PROGRAM TITLE:Create a program in PL/SQL to show the aids of all the accounts having the user selected balance using explicit cursor.

PROGRAM CODE:

Table Creation:

ba:
```
create table ba(aid number(4),dop date,dol date,balance
number(8),primary key aid);
```

bastatus:
```
create table bastatus (aid number(4),status varchar(1),primary
key(aid));
```

Final Tables Created:

ba:
```
       AID DOP       DOL       BALANCE
---------- -------- -------- ----------
      2651 01-01-14 01-01-14    6000
      2561 02-01-15 02-01-15    6000
         1 05-11-15 05-11-15    1200
         2 05-10-15 04-11-16    1250
```

bastatus:
```
no rows selected
```

(The Table is empty in the beginning.)

Table Insertion(example):

```
SQL> insert into ba values(&aid, to_date('&dop','dd/MM/yyyy'),
to_date('&dol','dd/MM/yyyy'), &balance);
Enter value for aid: 2
Enter value for dop: 5/10/15
Enter value for dol: 4/11/16
Enter value for balance: 1250
old   1: insert into ba values(&aid, to_date('&dop','dd/MM/yyyy'),
to_date('&dol','dd/MM/yyyy'), &balance)
new   1: insert into ba values(2, to_date('5/10/15','dd/MM/yyyy'),
to_date('4/11/16','dd/MM/yyyy'), 1250)

1 row created.
```

PL/SQL Code:

```
declare

cursor c(bal number) is select aid,balance from ba where
balance=bal;--explicit cursor

begin
```

```
     dbms_output.put_line('The result of the query is:');
     dbms_output.put_line('AID Balance');
     dbms_output.put_line('-----------');
     for z in c(&balance) loop--for loop that runs in area of c
          dbms_output.put_line(z.aid||' '||z.balance);
     end loop;
end;
/
```

OUTPUT:

```
SQL> @bup2;
Enter value for balance: 6000
old  11: for z in c(&balance) loop--for loop that runs in area of c
new  11: for z in c(6000) loop--for loop that runs in area of c
The result of the query is:
AID Balance
-----------
2651 6000
2561 6000

PL/SQL procedure successfully completed.
```