TOPIC: **TRANSACTION MANAGEMENT SYSTEM**

**CODE:**

create table bank\_account( account\_no char(10), account\_name char(15), account\_balance number(15), account\_branch char(15), account\_city char(15));

insert into bank\_account values('A10713698', 'Kunal sharma', 350000, 'Mayapuri', 'Delhi');

insert into bank\_account values('A10713701', 'arindma', 670000, 'preet vihar', 'Delhi');

insert into bank\_account values('A10713705', 'ujwal dua', 980000, 'swesh colony', 'gurgaon');

insert into bank\_account values('A10713711', 'Kaviraj', 785000, 'rk residency', 'noida');

insert into bank\_account values('A10714102', 'jaspreet', 1420000, 'juju colony', 'Jaipur');

insert into bank\_account values('A10714106', 'Arav sinha', 458000, 'Midhapur', 'Jodhpur');

insert into bank\_account values('A10714109', 'vatsalya', 950000, 'sun park', 'Mohali');

insert into bank\_account values('A10714117', 'sidanshu', 1780000, 'jouri park', 'Chandigarh');

insert into bank\_account values('A10714125', 'Kajal vij', 254000, 'andheri', 'Mumbai');

insert into bank\_account values('A10714129', 'Kustabhshu', 3000000, 'powai', 'Mumbai');

select \* from bank\_account;

--PL/SQL CODE:

DECLARE

personalact\_no bank\_account.account\_no%type;

xact\_balance bank\_account.account\_balance%type;

options number(1);

deposit number(10);

withdrawal number(10);

BEGIN

personalact\_no:=&Enter\_Account\_Number;

options:=&1Deposit\_2Withdrawal\_3Balance;

select account\_balance into xact\_balance from bank\_account where account\_no=personalact\_no ;

IF( options = 1 ) THEN

deposit:=&Enter\_Deposit\_Amount;

update bank\_account set account\_balance=account\_balance+deposit where account\_no=personalact\_no ;

xact\_balance :=xact\_balance+deposit;

dbms\_output.put\_line('Rs. '||deposit||' has been creadited in your account');

dbms\_output.put\_line('Your final balance is Rs. '||xact\_balance );

ELSIF( options = 2 ) THEN

withdrawal:=&Enter\_Withdrawal\_Amount;

IF ( withdrawal<=xact\_balance ) THEN

update bank\_account set account\_balance=account\_balance-withdrawal where account\_no=personalact\_no ;

xact\_balance:=xact\_balance-withdrawal;

dbms\_output.put\_line('Rs. '||withdrawal||' has been debited in your account');

dbms\_output.put\_line('Your final balance is Rs.'||xact\_balance );

ELSE

dbms\_output.put\_line('Your withdrawal amount is greater than balance');

dbms\_output.put\_line('Your transaction failed');

dbms\_output.put\_line('Your final balance is Rs.'||xact\_balance );

END IF;

ELSE dbms\_output.put\_line('Your balance is Rs. '||xact\_balance );

END IF;

END;