**View messages:**

custViewMsg(customerId in number, msg\_date in date )

*Algorithm:* **ViewMsg** will compare the customer id and date in 3 tables: account, customer and messageand if they match it will display messages for corresponding customer.

*Input:*1) Customer id

               2) date

*Output:* All messages corresponding to the customer id and date will be displayed.

Create or replace PROCEDURE View\_Messages (customerID IN number, msgDate IN date ) IS

a\_id account.aid%type;

Msg\_Body Message.Message\_Body%Type;

Cursor C1 Is Select  message\_body, a.aid  From message m, account a

where m.aid = a.aid and a.cid = customerID and m.message\_date >= msgDate ;

BEGIN

Open C1;

Loop

fetch C1 into msg\_body,a\_id;

IF C1%notfound THEN

dbms\_output.put\_line('No messages to display for specified account and date combination.');

ELSE

Dbms\_Output.Put\_Line('Account Id '||'Message Body');

END IF;

dbms\_output.put\_line(a\_id||' '||msg\_body);

exit when C1%notfound;

End Loop;

CLOSE C1;

End;