

ASSIGNMENT 8

Aim : Write and Execute PL/SQL block to implement all types of triggers on DB.

Problem Statement : Write a trigger and execute it on a table. Write simple PL/SQL programs to perform different operations on tables.

Objective : To understand PL/SQL. To understand the concept of triggers PL/SQL block

Theory : Trigger on update display error message
create trigger account_bal

before update

on account

for each row

begin

if (new bal < 0) then

signal sqlstate '8000'

set message-text = 'Account balance cannot be less than 0' ;

end if ;

end ;

Create trigger on update which will create log files on update

create trigger account_bal

after update on account

for each row

begin

insert into transaction_log (user_id, description)

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values (user, concatenate (Adjusted account, 'New account'  
from old.bal to new.bal));  
end ;
```

Conclusion :

I understood the concept of PL/SQL block by implementing all types of triggers on DB.