

CSE 4410
DATABASE MANAGEMENT SYSTEMS II LAB

LAB_03: PL/SQL

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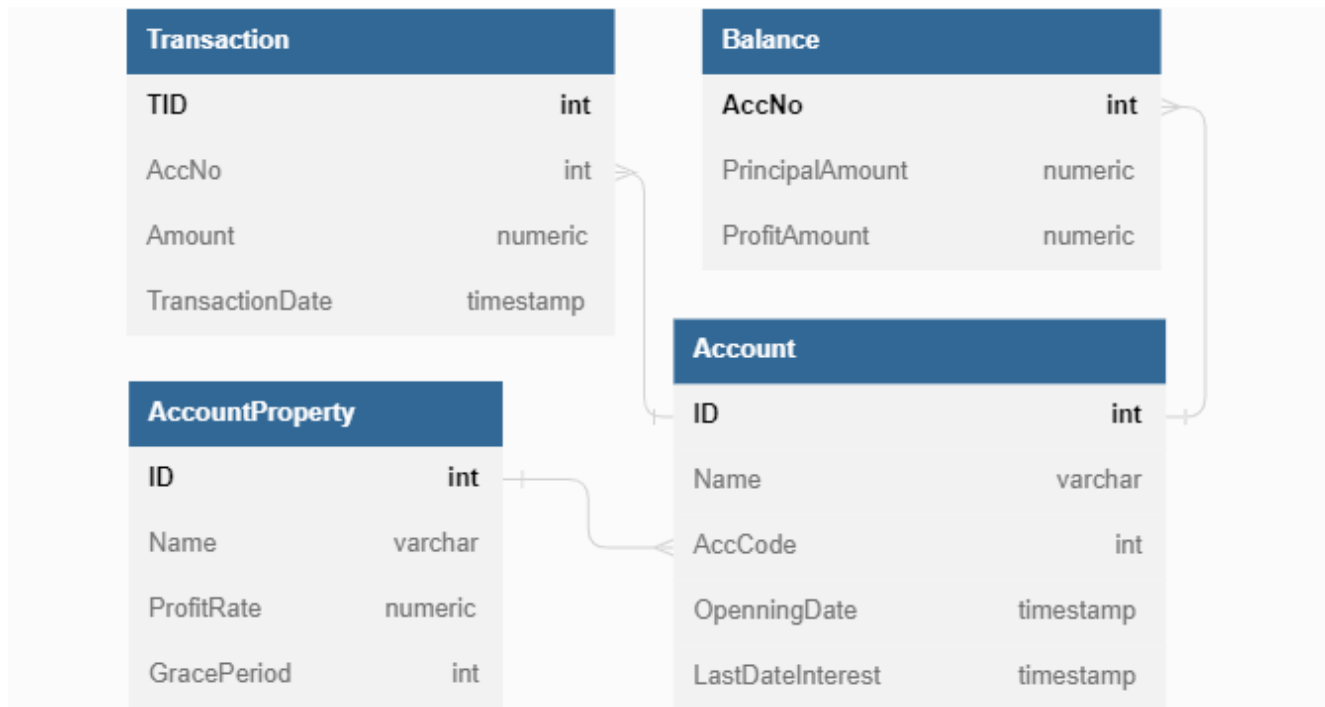
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JANUARY 31, 2023

Consider the following schema for a Banking database:



Create the necessary tables and insert some values.

Table 1: Account Property.

ID	Name	ProfitRate(per month)	GracePeriod (month)
2002	monthly	2.8	1
3003	quarterly	4.2	4
4004	biyearly	6.8	6
5005	yearly	8	12

1. You have to write a function to calculate the current balance from the transactions.
2. Write another function to calculate the profit based on profitRate, amount and duration. Take account id as input and return profit, balance before profit, and balance after profit.
3. Write a procedure to calculate all accounts' profit (i.e. profit will be calculated if it satisfies conditions). Use the cursor for loop for this problem. The procedure will insert the appropriate record in its Amounts table.