TM:

-interest calculations

-one month advance interest

-handle interest for returns before one month

-payment on interest

-payment on principal

-interest on days

Daily report:

-no of loans

-balance sheet

-opening balance

-closing balance

-bank loans in the shop's name

Loan model:

-loanId

-customer

-date

+principal

+returnOnPrincipal

+returnOnInterest

-returnDate

+returnAmount

-loanStatus

-items

-comments

Transaction:

-date

-category

-principal

-returnOnPrincipal

-returnOnInterest

-returnAmount

Fields of interest:

-principal

-returnAmount

-interest

-returnonprincipal

Interest calculation:

interest=(principal-returnonprincipal)\*(months)\*r/100

months= ceiling to .5 accuracy

calculate reports in java for daily report

create separate db

create sprocs to fill the data