



desired transaction (deposit or withdrawal) by changing the balance field.

If a new customer wants to use the bank, the clerk will have to create a new account. For this purpose, the bank has preprinted paper where the clerk may fill in the details of the customer, such as name of the owner, and the current balance.

Every quarter, one or more clerks go through all accounts and add interest. If the balance is positive, the customer earns interest. If the balance is negative, the customer pays interest.

We have of course made a number of simplifications compared to a real bank. In a real bank, there are many different types of accounts, such as saving accounts and checking accounts. In addition, a record is kept for each transaction that has been made on a given account.