Object Oriented Analysis & Design
Module-1 (RL 1.5.2)

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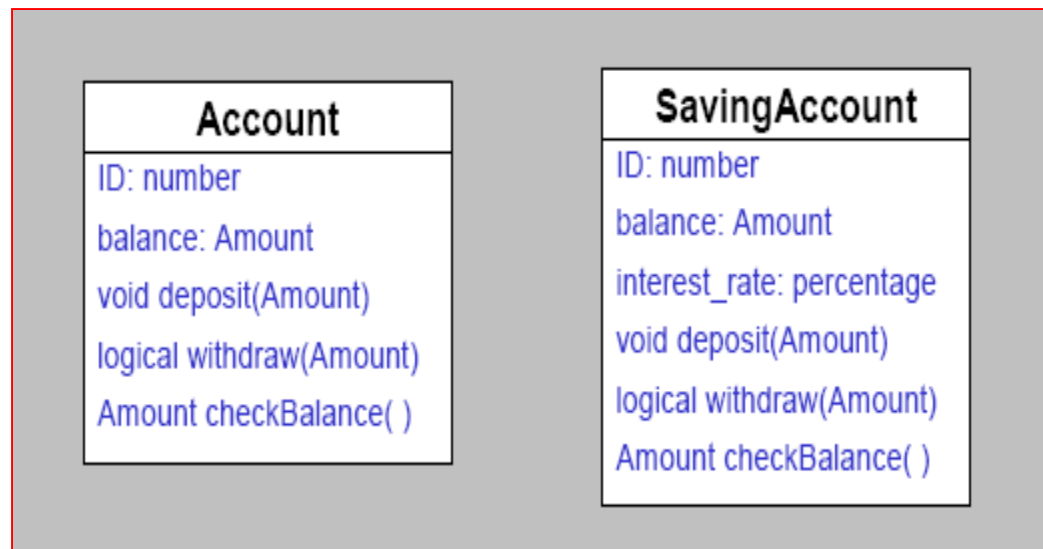
Class Relationships in UML

Inheritance: superclass & subclass
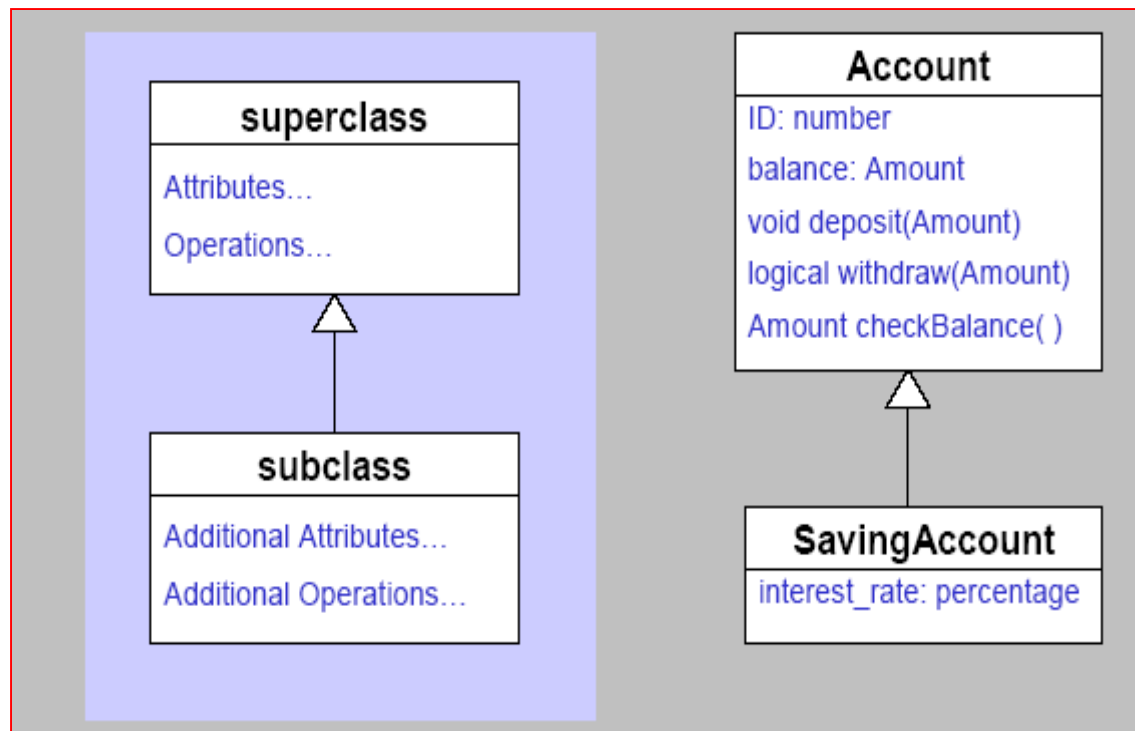
- A class may be the subset of another class…
- A saving account is also an account.
- Not all accounts are saving accounts.

Account	SavingAccount
ID: number	ID: number
balance: Amount	balance: Amount
void deposit(Amount)	interest_rate: percentage
logical withdraw(Amount)	void deposit(Amount)
Amount checkBalance( )	logical withdraw(Amount)
	Amount checkBalance( )

Inheritance in UML

- The subclass inherits from the superclass the attributes as well as the operations.

Aggregation: in UML

- An object may be part of another object…