Lab2: Class Members

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Problem-1

- **Implement** a class named Account that contains:
  - A private int data field named id for the account (default 0).
  - A private double data field named balance for the account (default 0.0).
  - A no-arg constructor that creates a default account with id=0 and balance=0.0
  - An argument constructor that creates an account with the specified id, initial balance
  - A method named setBalance() that sets a given amount to instance variable balance if the given amount is more than 100.
  - A method named getBalance() that returns the value of current balance.

Problem-2

- Change Problem-1 so that we can add a properties for balance to call set and get automatically.
- The set accessor automatically receives a parameter called value and assign it to property
- Get accessor automatically returns the property value

Problem-3

- **Implement** a class named Account that contains:
  - A private integer data field array named Balance. Which will hold the account balance of against a customer id.
  - An argument constructor that allocates the size of the Balance and given during Account instantiation.
  - An indexer with set and get accessor will be added in Account class.
    - set accessor will check the valid id (0 to size) and set the value corresponding customer id if and only if the id is valid.
    - get accessor will return the Balance value of a customer only if the customer id is valid, otherwise return -2 value.
  - Test will be the driver class will create an account object
  - Now use object indexed (not operator method) like array to create 10 integer elements
  - Using indexer to store and to retrieve elements values.