Bank

* Name
* Address
* Working Hours
* Customer can create multiple **accounts**
  + Unique account number starting from BNK10000
  + First name
  + Last name
  + SSN
  + Subaccounts:
    - None, one, or multiple:
      * Saving
        + First $100 Bonus
        + Unique account number starting from SAV1000
        + Has a balance
      * Checking
        + Unique account number starting from CHK6000
        + Can set maximum capacity
        + Cab be locked or unlocked
        + Has a balance
        + If locked, cannot deposit or withdraw
        + If deposit causes balance to exceed limit, deny
        + Extra functions

Set max capacity

Lock or unlock

* + - Functions for sub-accounts
      * Deposit to balance
      * Withdraw from balance
      * Return number of saving or checking accounts
  + Bank tracks how many accounts
  + Show information of its accounts sorted based on their balances
  + Functions for accounts
    - Open saving sub-account
    - Open checking sub-account
    - Modify a sub-account
    - Close a sub-account
    - Detailed bank account info with its sub-accounts sorted based on their balances
    - Brief bank account info
* Functions for banks
  + See number of bank accounts
  + See number of saving accounts
  + See number of checking accounts
  + Open a bank account
  + Close a bank account using its bank account number
  + See information of an account and modify it based on its account number
  + See detailed information of all the accounts
  + Show account number and aggregated balance for each account sorted by aggregated balance