

- super class
- parent class
- base class

Account

- name
- account #
- balance

~~public~~

editname (int);
editname (char [3]);
editname (string);

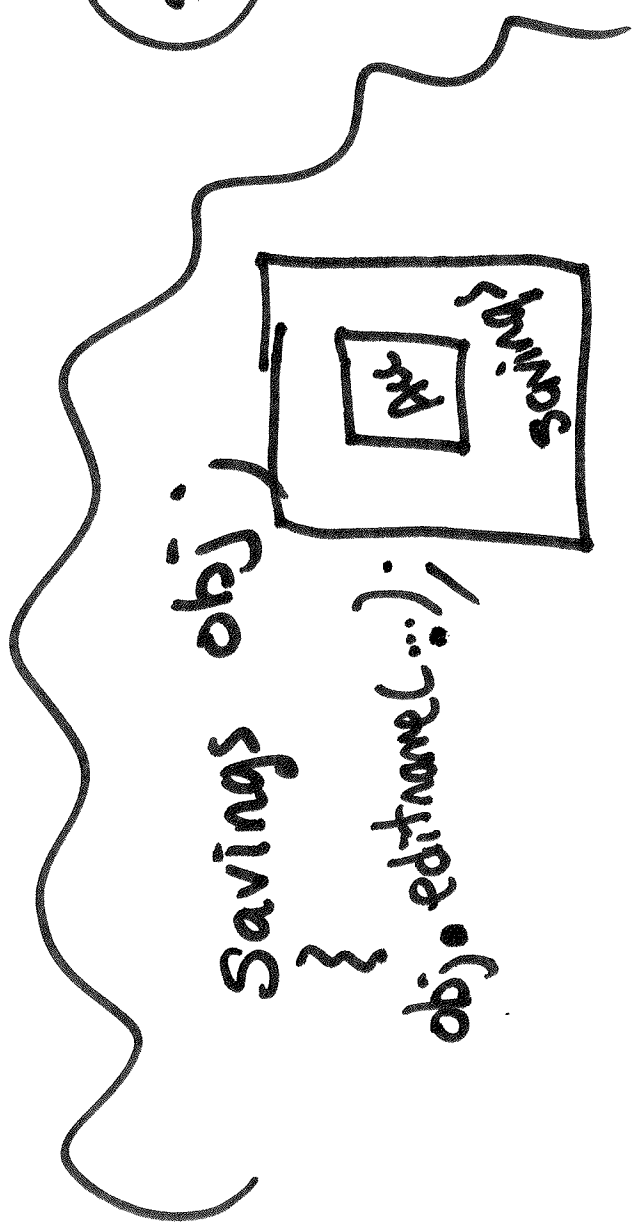
- sub classes
- derived classes

Savings

Checking

Derived Accounts
of the class
of the class

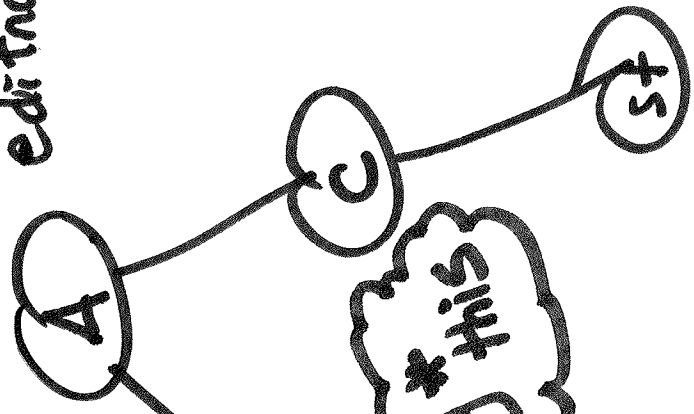
Student



Savings obj;

```
{
obj.editname(...);
}
```

editname (...);



const samsung *this

samsung::

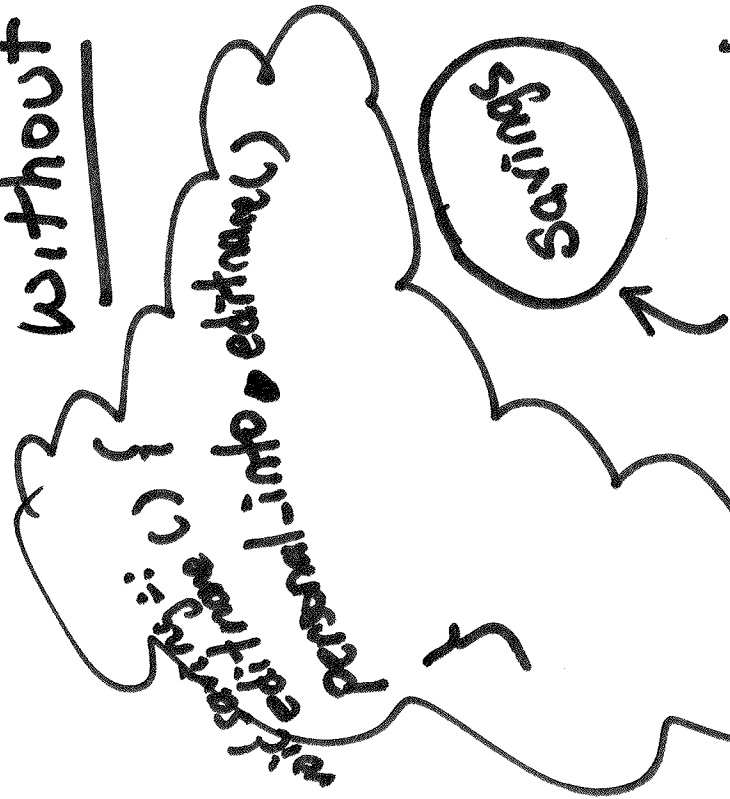
void editname (...)

{ Account oo editname (...);

this => Account

client program
 program obj; Uj
 samsung::editname Uj

without



class Savings

```

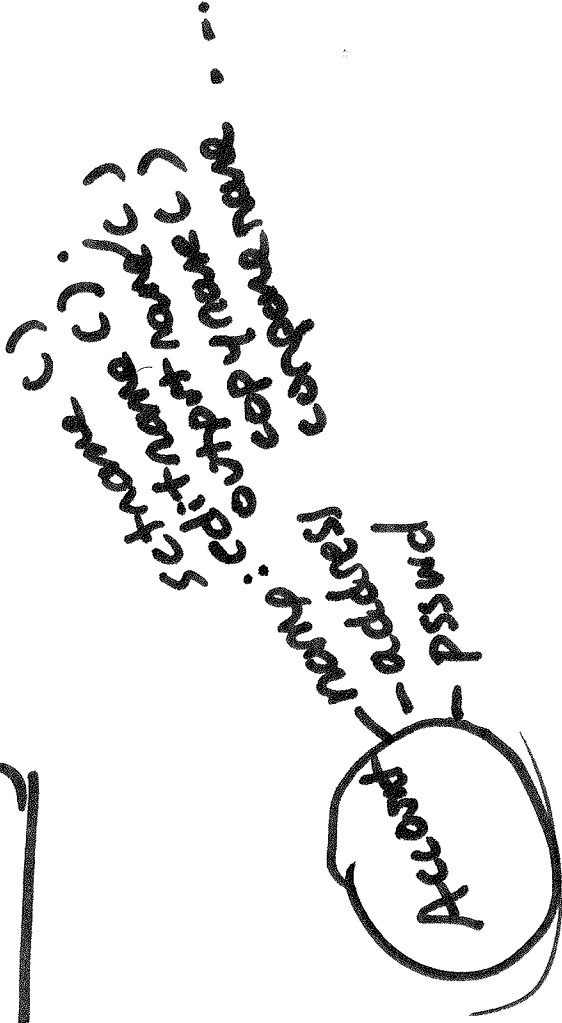
{
  public:
  Savings(); // Always! // when working w/ dyn. memory
  ~Savings();
  void editname();
}

```

Private:
 Account
 float

};

hierarchy



// Always! // when working w/ dyn. memory



personal_info;
 balance;

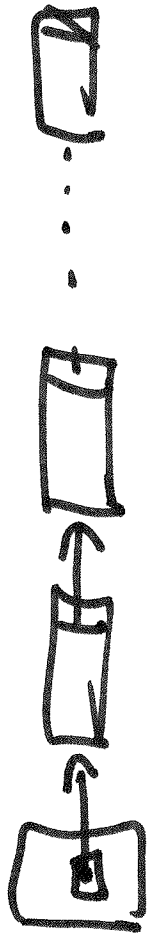
```

class list
{
    private:
    node * head;
};

```

//

- useful 1-many



Syntax

single inheritance

// is a //

class checking : public class Account

{ : // class interface

};

checking obj;

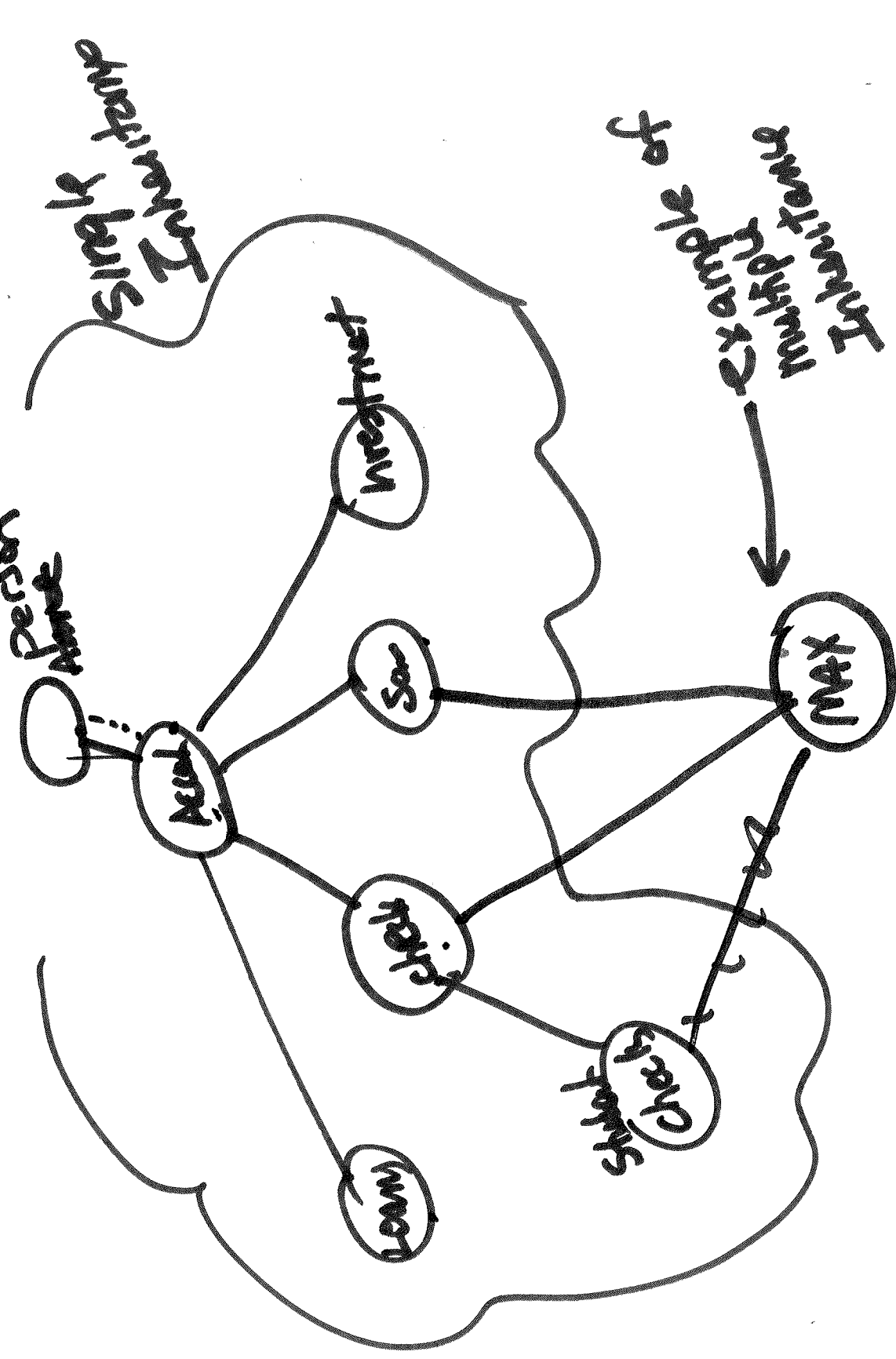
(A)

- checking is an account object plus more
- checking doesn't micromanage account
- whenever an account is needed a object can be used in its

checking object can be used in its place. From private \Rightarrow to protected

- ~~not~~ From protected to protected

- ~~not~~ From protected to protected



Person about

single parents

Inventors example of

Person

Invent

Soc

Skills

Learn

Share
Charity

MAX

