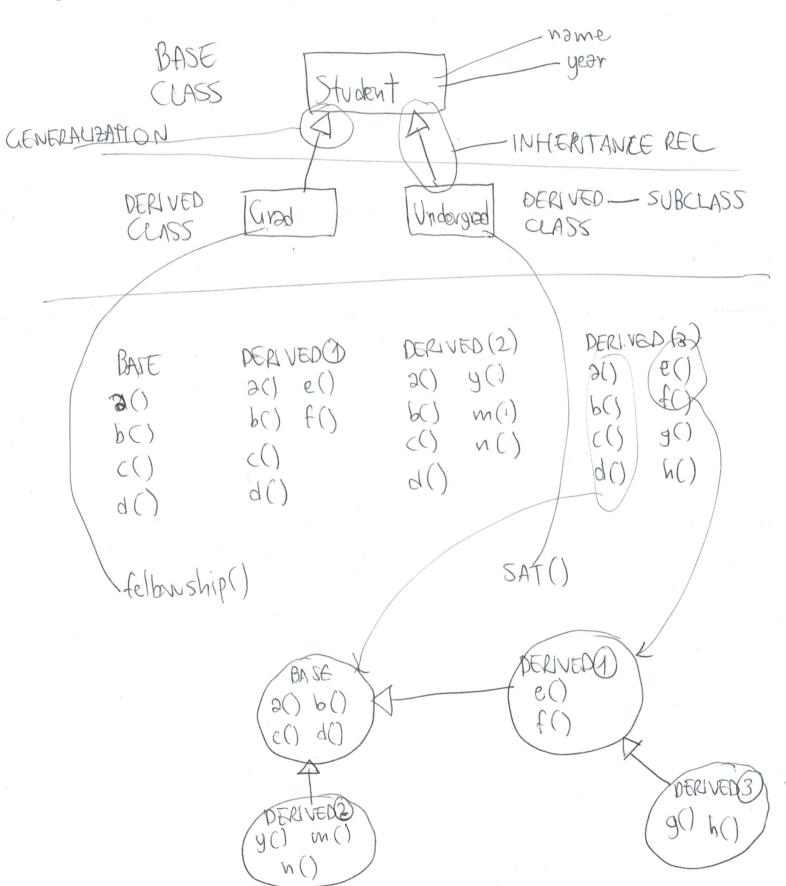


## 6.1 INHERTANCE



```
Class Student 1

Class Grad: upublic Student 1

Class Under Gra: public Student 1
```

## virtual KEYWORD

DYNAMIC BINDING
IMPLEMENTING POLYMORPHISM
RUNTIME

SEC 6.3

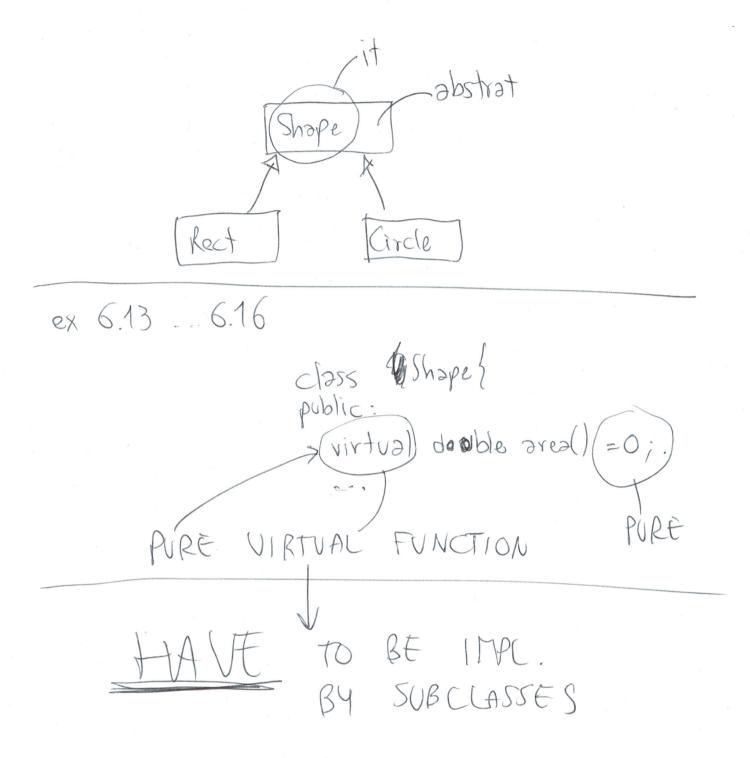
ABSTRACT CLASS

AT CEAST 1 PURE VIRTUAL

FUN

HAVE NO PUBLIC CONSTRUCTOR

YOU CANNOT ISTANTIATE
AN ABSTRACT CLASS



SEC 6.5

OVER LOADING

QString toString (); QString toString (char c);

OVEERRIDING

class Account?

virtual Ostring to String ();

3; class Insecure Account: public Account?

public: QString to String();

};

HIDING

class Accounty

virtual void deposit (double amut);

7; class Insecure Account: public Account? public:

void de posit (double annt, QDate date);

Account :: deposit (abc);

3 7

## SEC 6.6 Ezust

NEVER INHERITED:

- CONSTRUCTOR

- COPY CONSTRUCTOR

- COPY ASSIGNMENT OPERATOR

- DESTRUCTOR

chap2s7

class Student &

public:

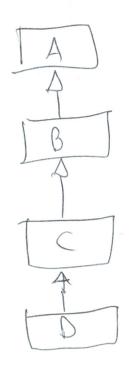
Student (poram)

:initList {

// body ctor

// body dtor

}



WHEN YOU CREATE
A CLASS D

CONSTRUCTION

A > B > C > D

DECONSTRUCTION

D > C > B > A