Item 19: Theat class design as type Design Defining a new class, defines a new Type Overloading functions Copelators Controlling memory allocation & Laullo cala defining object linitializate sfinalization is all done by class / type designed. Assues faced to create good type > Ack below (1) How object of new type be exected Destroyed? => influences design of class's ctor, dtor, memory Valloceta & deallocath (obserator new, new?], delete Edelete [] & How should object initialization diffes from object assignment. > difference blu ctor & assignment operator. Initilization l'assignment correspond to different functo calls (Item 4) what does it mean for objects of your new type to be passed by valle of copy stor defines how pess by value is implemented

What all Restriction on legal value for your new type => 9 novariants determine el rol checking inside ctors, assignment operators 5) Does your new type fit into an inheritance graph.

If you inhereit from other class, then it depends on the function declared as vishal or non-vishal, & if you want other classes to inherit from your type, then it depends on the functions which you make vistual specially destructor. functions which Dulret type kind of type connection are allowed for new type? If we want to write allow objects of Type TI to be a implicity converted into objects of type T2, we will have to white => type conversion function class !!
> mon-explicitly ctor in class !2. me mant explicit conversions only I type conversion obelators V'non-explicit ctor.

Date:
Duhat operators & functions make dense
for new type,
=> which functo to doclare as
for new yore. > which functor to declare as member functor
I standard furctor to be disallowed?
(1) Standard furctor to be disallowed? => which ones to declare private
(3) who should have access to members of your new type? -> which members are public, protected to Brivate.
your new type?
-> which menibers are public a motorted
to Boivate.
- which classes / functor should be friends
-> which classes / funem should be friends -> whether to nest one class inside other.
what is undeclaced interface of your new type? I guarantee of wort performance except dately & resource is age (egslocks & ayramic nemony)
your new hope?
I guarantee of wit pertomarco
except dately & resource - us are
(egslocks & agranic menon)
2 AP
moore imposes contraint on class
implementation.
10 How general is new Lype?
7 to you may be defining a whole
family of types
The New class template not new class

	Date:
	(13) Is new type really what is need?
	If delived class is defined to and functionality to existing class great
	Jahoue can be achierned by non-member function / template.
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