Date:
ITEM 7
Declare destructors Virtual
The have
Clars Base S
Class Dervice 1: public Berse 9.
Class Dervice 1: public Bese & }. Class Derind 2: public Base & }
Base #b = getB Value ();
Base +b = getBValue (); // get dynamically allocated offect from Base heirarchy.
delete b; Unlease to anoid resource
leak.
> We cannot rely on client to free memory from bearn.
> Also C++ specifies that when a derived clars object is deleted thru
a pointer to a base class with a
non-virtual destructor, hearts are
a survey of the
- derived part of object is nearly
a destroyed!

of base class bas vishal destrictor it mill destroy its derived parts => Declare a vistual destructor in a class if donly if that class contains at least one I vistual functions sine an int so occupies 32 bit. Can fit into a 64 kit register. bent if destructor is vistual of the same Class having only int member data this int takes from of pointer called !

Upto ... Upto points to an alray of function pointers called Tutals Vtable This on a 32 bit architectur, they

mill go for 64 bits (for 2 its One member data g other Vptx) to

36 kits (for into + up to), thus taking lot of space. Thus a declare a vistual destructor if there is a visheal functor.

3	Date:
3	Declare pure vistual destructors in class you mant to be abstract.
3	Eg > Clas A S
3	public : Vishial MA()=0;
=	Must provide definite for pule vishal destructor since it is called by its delived class destructor. If not done a tompiles with linker
=	will complain. A:NA() {}
=	
=	
=	
3	