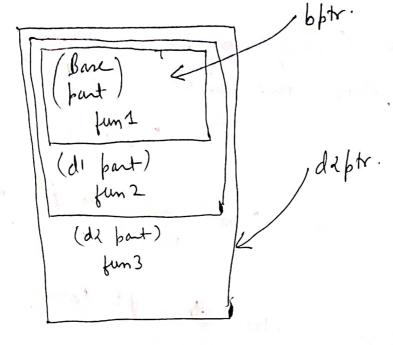
Et Calling fun in a derived class using base class by /ref. (unit -4) d) How are fun called using a fetr & using a ref? A) Functions & called thru for cising an anow operator eg bbtr > fum(); Fun & called thru 'ref, using det. operator eg bref. fun (); (bane ref) (2) which fun can be called by a baneptr of which fun " " " derived class for? . Here de Contains B funi "fun in bare" 3 fun , where fun 1 of funz r inherited. d1 funz "fun in d1" · Sufficie a base class ptr is pointing to d? obj, men wh. of there de funs "fun inde" fun can be called by fun 2 3 inherited the ptr.?



obj g d?

- · Sufficie a bot & derived class for i.e diptr is beinting to this de obj
- · betr can only fun who r in bare part means who r inherited from bare.

blot can call only fun 1 ()
It can't call fun 2 (1, fun3()

- · But, deptr can call all funs in de obj ...
 deptr can call fun(), funz(1, fun3();
- · For EX-1

 Create a bpt & pt. to de obj.

 This ptr can (all only funi(),

da obj-da; //create a da obj
bare *bptr;
bptr = \$obj-da; // bptr bt. to da
bptr = \$fun(); // bptr can call only
fun()

//bptr > fum 2 (); // X Not allowed. //bptr > fum 3 (); // Comfiler error.

EX-2 Create a de for & pt. to de obj This ptr. can call all fun in de.

> de obj-de; de ptr = gobj-de;//bt. to obj-dedeptr > fun!(); ? All fun can be deptr > fun2(); Called by deptr > fun3(); de ptr.

· Similar behausen will be shown by bare Class references.

Summany

· Bare ptr can only call fun who rin