Types Of Pointers:

1) Wild Pointer - Uninitialized Pointers. Because of that they can have any random Value, inside them that can later cause for 6 lems int p; wild pointer

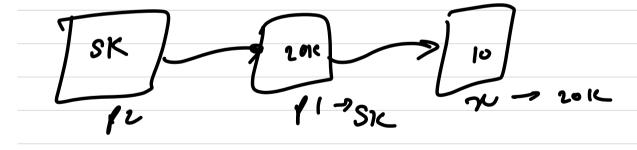
2) Dangling Pointer > A pointer pointing to a memory location that was proviously available but now has been deallocated.

3) Void Pointy -> lok 2 44 -locat * px = &x; sund-type of kucket it is pointy

malloc void * px It doesn't have a specific type assented. The type of data can be anything. La they cannot be dereferred

1016 1010 int cow-cc */k cc

int = 100,
int = 20 n;
int = 20 n;

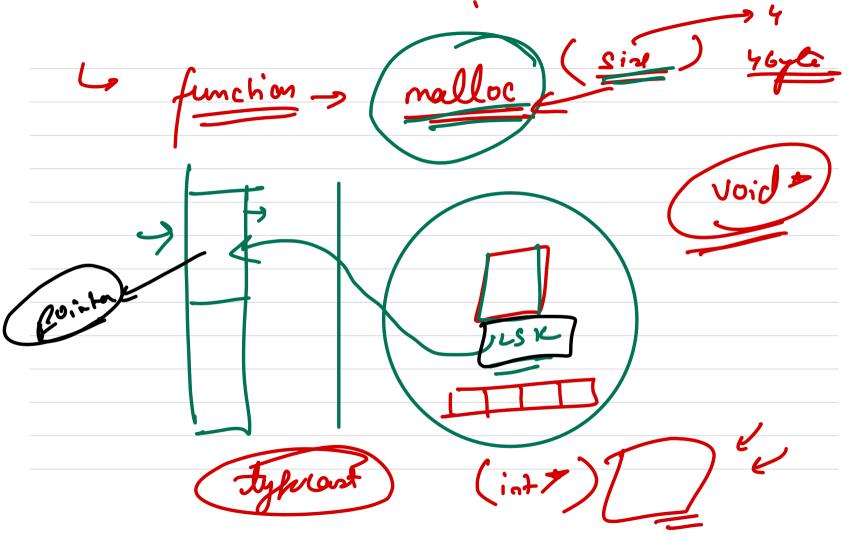


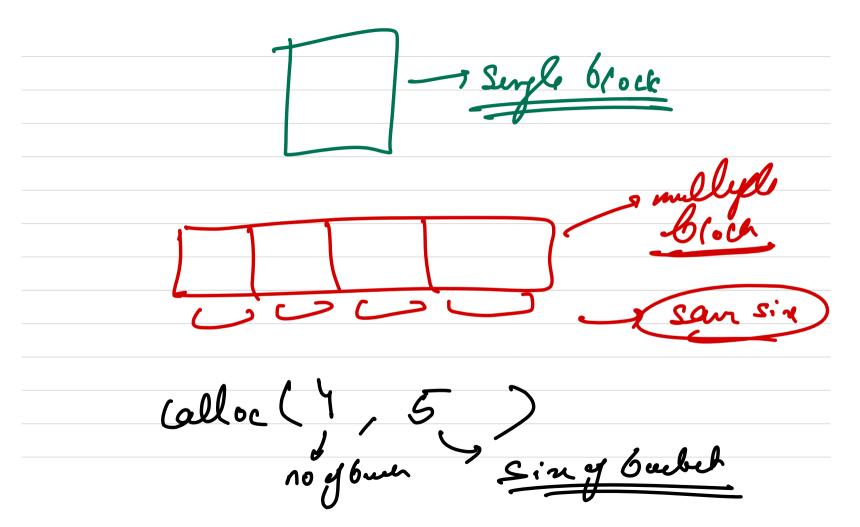
7 10

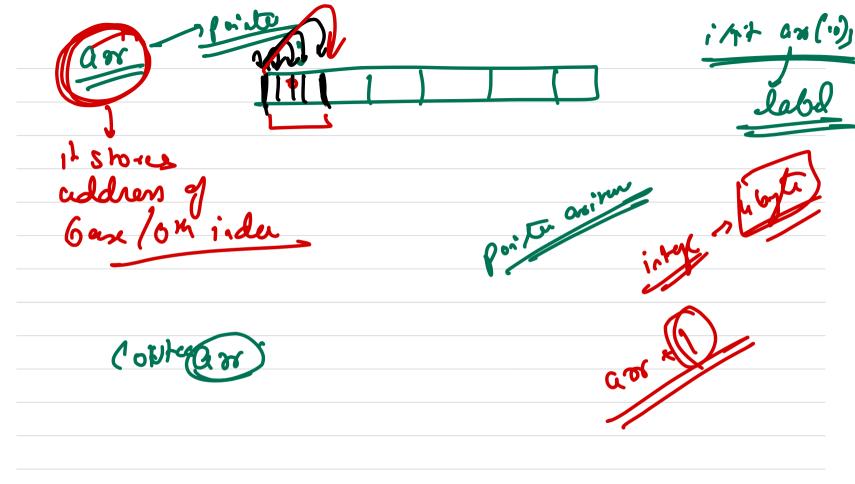
menor Jours whenen me call a finct

<u>main()</u> -> fun() -> gun()

Hirchede ciostreams void fun () L std:: cout cc "fur" cc "n"; int main () { -> ict x =10;







Smart Pointer Smout Pinters ou an abstract interface to actual row pointers but with additional heafth of allo memory monogents.

1) Unique Pointer this is a smart pointer that i.e. unique-pre can contain at mare only one Single raw pointer that points to single memory location

Shared-pt -> Phishared -phr is another choice for a smout pointer in C++. if we want to have multiple Ovenero. Phis maintains reference count of all pointers while point to the object-

