1 /bim /sh #include < asject. h> # include & stalis h> # include & staling. h> clamy -wall - Wester -ormain mains typedof struct Node Wode; Struct Now? > " / bid sh && /main chan test [32]; + clary - Well - Wextra - 0 mais main (Nod * left; Note + (d); #doffine NUDE_POUL_CAP 1024 Node and part toure tour EARLY type dot stranct? Street 'SZ; Node moder CNUDE-POUL_CAP); 3 Node POUL date Alet Aust mad pool = [U]; * mode_pool_alloc (Node-Pool *mp) assert (mp -> 52 < NODE-POOL_CAP); Node - * rugult = & mp -> modes (mp -> 52);

np -> \$5 + = 1. < munsit (most result, u, size of (Node));

neturn result; voide mode-st-test (wode mode, const that satisfick) size t m = .strlen (text-csln); if (m) size of (ande > text) -1) { 5 n= size of (mode = tent)-13 munist (mid state p, size of (mode start)); muncpy (mode start, text-cstr, m);

What is the size + dish type what is keletive Pointers? size t is on ansigned integral of data type which is defined in vanious beader tile such # include Kstdio.h> introvoints) typedet struct Node Node; it's a type which is used & type struct & Nod { to supreme the size of objet in bytes and is Node * Cight; therefore used as the Tetern type by the size of apparts it is quaranteed to be by enough to comtain the size of the gr bigs a objet the host system can homele. # define NODE_FOUL_(AP 1024 Noch mode_pool [NODE_POUL_CAP]; int (main () } netum o; # include < sidio. h> type det struct Node Nook. Strent Node & chen text [32]. Size-t Left. Size-t right. 1/ relative Primbro / sim cijnt16_t 11 relative Colontors 1/ wint 16 - t # before NODE [POOL_CAP 1024 Note mode loop [NODE BOOK CHE] int main () Node not. mode-fool [snoot -s left]; ¿ returno,

Word noch fool N. l. a made _ pool _ alloc_with teat (Node . Pool & mp) (ompt ahon & least _ cost)

Wode . a repult = mad _ pool _ alloc(mp)

Mode _ set teat (neally text costs

suturn results int maln (). Necl. * noot = mod = pod - allor with text (& global mod - pool, "Hollowald") prind trer (FILE or stream, Wode + mode) UNIMPLEME. To much