weak pro must be convided to smood pr morder to auen mo reforence d'Object using locks memod. Visopi-10cks frequen askared pointer if he Objects vouid or empty smood Janker if Object is not vouid Dis Like shore-q prcT>() "shored-ph Enpired()? ( MANE) Clas A weak-proc A) wp1; · Syl(newA) Most by the SPI-JOAAJ(194) sy2 asera di (191) ) - Trene will not be cyclic reference and Object will be deleted. Wylopant() XNOL WMC FIRL get stored ph from it and han cay malaylouc() + busho)

(318) why unkn peretor? why wened to (1) Cogeray code com more in before closs A dechy meps void releave Oh --- } leggery Co 20 50 we do not office fockaste 17 maris me broplew [ f we use more aphro releasely. pointer harefron delete a Proj for revere mend cuill bor neverges Custom deleter for stored- ph cam izwill can only defound deshi Agreeified in the commutar of smart pointer shored phy ( A) spA ( new Ars) & delete) it no vot bronge our on derster mor in will com de paul derose Oit i oIt will dan deresean A Obsien A desmusor and releasel) which will memod will not be called. deleter contr of a fu bounter Fundor

deleter furction using or porter usid delepa (Ax pm) COUTIC" Deletifice ands 11 ( 32) Y bus reveners, Il me wood to duck pri explicitly com constorn deleder shored-by/ AD spal new Aco, 2 deletet); custom deleter using combda exp. Traved\_pr. CA> spA (newA()) (7 (Axpm) L cout (c') Determice L prordener, 3 derge phy

Custom deleter unity turctor (320) Clas pel void Operator () (AxpM) 4. cowici Delempizcendi 17 ( pm) Y bus remarily, 3 delere pn: That q-but by ibut usmy born) Custom deveter for vorigne-pro por of unique pr type mique-proCA, function (void (AXI)) p(new AN) ET (Axpm) 2 cource " poteny" cc end! dever p

Reference sitis like amont b (221) bis oretereno ofer Mr 0=10 in 1 8 p= 01 inib mr 29 = 6 in 20: X 12/2 Jansil In1 80=5  $jnl 2j = 5 \times$ mr 21= (j+10, X Explomphanion in Jeong which const int Ri= j+k; varrent (21) Courby ret com-ph-ran (16/86) Intal ramot courzeble 2 becerdy. court c cec c ecand mr name) 12 = 10, b= 20 can-by-varl ( b) we corrollored, reference to dramitted referre or ret to likeral or ret to exp. We con a constructio library ond xx brens or

Cx. 2 (const int 821) in resconst Lavi reform (0,11) answed return by value int returning von (1nt 22) 1. Inta=(0 INT P= return phron (a). With 8b= return byvom(a) X since while returning value it is getting copied to temporomy and and it is express which is combat. and we nove a reference to exp so make (b) as const ref. Lonst Int &b = returby var

(323) return by reference int & return-by-rett int 221) return(3) -> It is not returning me vanue ut no but reformed of mire add it wire school w which is a alian of M. Int a=10 Const in 186= refurr-by-ref(0),' mi 2b= return=bret (a) L b= return-bo-set(co)~ > 50 pusos peromes on + auresof \* while returning set we should not rehim ret of locar variable illie compredictions in 2 return ret (in 2 2m) & return (a) EX. 2 mra=10,6 b= return\_set(a) refum ret (a)= 3 a= (0W a= 019 3V

int & return-ret (Int 20) ttf; int a=10, b: b= refurr-ref(0) return-rest a)=3 & unposedi crosse were should always return refor live variable like 1) hear B static grober 12 C1 = 100 8p=0,0 Qb=CX Win (++ refu reference stores he add by butness is no way to corence hold of frat add. Afre reference in Java and C++ hyon a dissen.