CST Test Violations Menory Leak Potetially run outofrendory? 10 not really a violations Dasling Pointer Pointer pointing to previous by free'd neary Derferece MULL E To avoid check for rull Before desiderate Link is now up. for HWI allocating renory have ralloc, calloc, realloc Previously For Recovering runory we use tree

3 IMO safer sets all bytes to zero Calloc (# items desired, size of each item); Seven integers (intx) cilloe (7, size of CINT)); X= (int *) calloc (7, size of(int))) X = (int x) calloc(10, size of(1nt)); Beta NOTACCESSÁBLE

NOTACCESSÓBLE

NOTACCES

N Diture 000000000000

realloc

realloe takes it the resonce to the old renory and the size the mory should be become realloc ralees arew block of many ad copies in the old data

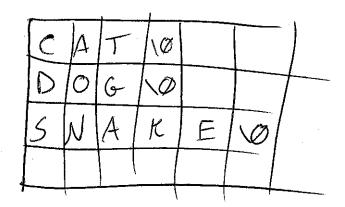
X = (intx) realloc(x, 10 x size of (int))

X -> [8]6/7/3/5/10

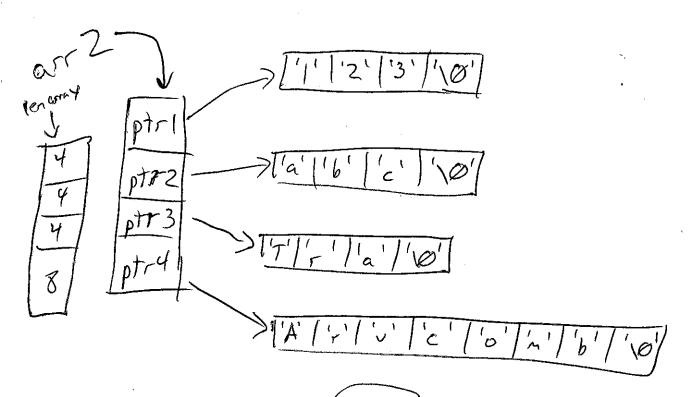
trp > [8]6[7]3[5/1/0/ 20-1 X = (int *) calloc (size of (int)); 8,6,73.5,10

+mp= (int *) calloc (10, size of (int)); Por Cizoj 127j 1+0/2 +~PCi3= x Ci3) 3 free(x); x=tmp;





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intarray X int chur array X char char array crray X(X char)

friedar Frial Arr [0]= friend Arr C37; (ose access to friend O Fried X = frivolate); fried Arr C3]=trp; Dois free +rp

(5)