typolystmat Box Lord # value Donat Board Mat. A Stack 2. h - "OWNER" version x typedy struct } typean struct Box Box * top; Struct Box * rext; Ran value [1]; Intelliste;
Box & quartash; creatistack(eltsize) Stact;
15 Empty
prop top Stack

Stack* 5 = createStack (ingel (int)); Stack* createstack (int obligate) {

Stack* res = (Stack*) maller (sizel (Stack));

(!res) return 0; IntisEmpty (Stock*s)} US -> +00; elt Size: return! s-stop; res -> quentable = 0; return les,

CB (4) status push (Stack ok s, void * e) * Box * timp = (Dox#) milloc (Forzeg (Box)) 1 tup Diff (!temp) return ERRALLOC; SIDA TE, temp -> next = s -> top; memopy (tmp statue, e, s selt size)i Sized (Box) +5 > ell Size -1. topp = 0-savailable; 5-savailable=s-savailable=next if (s sandable) {

Atzpop (s); Status Rop (Stack* s) { 1 S->top) return ERRENPT) S-stop sneet = 1-> available; return Ot;

status top (Stack & s, viid* 2013){

if (!s = stop) return ERRETIPTY; mencon (les, s-stop-value) neturn Ok;

NEO ISSUEDING THE STATE OF THE

dustroystack (Stack * S) { Box de tup - s -> top; A Total While (tmp) } tmp = 5->avontable. White (hop) } mu (tmp); S-savailable that hue (tmp); timp = s -> top; tmp = S squarleth; fru(s)

- neate 2 ints and 1 stack 20thtre 151, e2=2; Stack & = create Stack (size) (id) -parsh ruts onto stack - while stack not empty 1] (st = punch (s, & e)) - beent top print (120sh, mussage (A); retrum 2; 202) - pop stack -destroy stact expected output: while (! bEmpty (3))} $m = \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \left(\frac{1}{2} \left(\frac{$ if (st=pop(s))? distroy Stack (3); outnom 0;

https://tiny.one/exam[1601 4:10 wid apply (wid * a, int nells, int eltoize, void & wid *, wid *), void & res); the affy c*/ in 2 a)

the clude "affy h" out By 12

wid affy (width a, unt nells ut ell size, width), width (width res)) rests --
int end = a + nells * elt size; void triple (void & in, void & out) * (int *) out = * (wt*) in *3. While (a Fend) f (a, Ms); at= elfsizi.