Stock implementation using lented list is # include Zstlis. 6) # include a stdib-4) struct mode & int dota; struct mode 1x ment; Struct made is head; void pust coint voluel & Street made & new rode; menonde = (struct mode &) moder (Digig estructure newmode + data = volue; newmond + ment = 0; of ched == 0) I head = monode; p Clar X newwood - ment = head; head = mounde ; 39 void POPU 2 strict mad & temp; temp = head ; y cheed ==0) { painty (" stack is empty") also 2 head = head - ment; you c temp? i

void defrelog & & struct mode & temp; el another a selle his temp = head; while ctemp - ment 1=0) { Parity e" 1.00", temp , deta); painty (" (m"); temp = temp - ment i 3 rounts c" +d" , tent - dde); struct ander to murrock , to lenge ; int main () { overwale = c whent and p) mallor c push (5); push clo); municipal of challe to when , puch USD; west or must & much purs (20) j display e) 3 com == land 5 6 Popc) i display ?; Setur 0; timber and = may roulos Output -15 Cont o manuale 10 5 15 Almes and potents,

Our implementation using levited lest ix # include a stalio . 4) # include a stalles 4) struct mode & struct mode 18 ment; struct mode & head; void enque c int wolus & Struct mode & numode, & temp; numerode = < stouct mode p) moder (size of murrach - data = vdue; newwood + ment = NULZ; if a head == NULLS & head = newowod; temp = head; clar L temp + ment = newwords, temp = menowdi; 70 void dome of & Street made to temp; temp = head; head = head of prent; du ctemp?

soid dishlay a & struct made + temp = head; write e temp 1 = NULL) & とのいれる。ま painty c"+0", temp + oda >; temp = temp - ment; pasty c" (m") i 3 E Hacker & F. W. it main () & compue csi; Ingent. enque c 10); eman (15); Enfreta = 7 angue (20); deplay c; deque c); display <) ; depunc); distriky (1) output is 5 1015 20 10 15 20 11 Eist dequeur 15 20 11 Second dequem

6 CB3) lutcole monimum terms sum y a linted bot Output. Cool D: Expert: head = [5,4, 2, 2] output = 6 Expected = 6 Input hed= [4,2,2,3) Output 27 Enfreted = 7 Cose 7: Enfect: head = [1, 100000] output = lover) Expected = (00000) 30.011

Which donner