Stack emplementation cessing queen or include a stalsond . 4) of include a stallib. 4> type dy struct & int & dota i de la man a man a int front; int sear; int sine, I Owene; typedy struct & Ouen & q z; y Mystari, Our & create Our (int size) & Ower & queue = (Duem &) mollow (Dringe of (Onem)); que > deta = (int *) molloc(sige significint)); Que - front = que - dear = -2; queue - sige = sige i Mystak & mystock heat & Tetum quem ; Myself to shak & CPGALERA boid carques comm & quem, int when I'd if k quem > rear == -1) & queun -> front = queun -> son = 0; where I go - out our clar 5 quemas son = (que -> son +1).1. quem->

quem -> dota E quem -> read = Volue; int degreer Comme & queme 7 & int volue = quan -> data [quien -> fronts; if c prem -> front == quem -> san) & quem -> front == quem -> con = -1; 3 also of que -> fort & came -> front +1) 1. que Telum volue ; bool 15 Empty (Oveni quem) & Tetur Que -> pront == -1; June - test - appear 74 My Stack " my Stack aut W & mystock & stock = (mystock) miller copy crystal) Stock -> & z = crest prem (1000)i 11 Adjust the size of as muchos stack -> 92 = aute Ouene (lovo); Tetur stock;

boid mystack Push C Mystack & ory , wit no of anqueur (05j -> 92, 2); 39 int mystack top (Mystack & of) & y c is Emply cosj-221775 Leten -1; 11 stack is empty while coy -> 22-> port != 00y -> 21-> day) & anguem (osj -> 92, dequem cosj ->917); at popped Volen = dequire cosy -> q1); 11 Surgo 21 and gr Own temp = osj -> 21 i OS -> 21 = OS -> 22/00 on obj -> 22 = temp; 3 - 400 mg Tetum Popped Vdue; fre cos => 223 int my Start Top Crystack & of) of if cis Emply (04-> 91) { Letur - 2; 11 Stack is empty while (osj -) 91 -> front ! = obj -> 91-> 800) & enquer (obj -> 92 / dequer (obj -> 91));

int tof Volu = dequire (osj -> 21); enquence obj -> 921 top the) (1 Dworp '91) and 92 Ower & temp = osj -> 911 OSj -> 9 = OSJ -> 92; OSj -> 22 = tany6; Tetur top Volue ; we are to go of shake bool mystack Empty (Mystack M OSj) & ocetum is Empty coty -> 91); 1 but of one or void mystockfru (Mystock & sy) & free cosj -> &1 -> deta); pucos -> 21) pu cosj -> gr -> dta); fre (05j -> 22); fruc osiji Output E,1,2, -mull, mile, mull, z, 1, folar