PART A solutions 11-efforomeron: 11 Algoritim to delete data from quelle and octrieve later check queue is empty or not seturn queue empty 2) make a temp raniable to store date 5) 11 to temp() = front; 3) increment front by 1. and print msg element develed 4) return stored delta. Cont. (4466) Carroll (20) = 20 2) Ptr to fxn concept ptr pointry to a particular finin code couled phr to fron. ex Hindude (station) in mount) int sum (înra, intb) return (ath): intraine int *5 1 int (+ s) cint, int)=sum; int &= s(10120); pte ".1.d", 3); 30 15 himy temporal ton in 13 Laran tenpo vanables. i time took a bit room looks in the

· ((mon) was has vi

Dynamic memory management functions. 1) mauoc 2) calloc 3) re-alloc. 4) Free, there's distinction and the state of the mauoc () > wredto allocate single block of specified six er pir = (out type +) malloc (n Csizcof datatype) callo CO used to anocate specified memory blocks. ex phr= (cast-tapper) calloc(n size); noof also arrive who the Block 1914. reauoe of playing, used to reauccate memory -: of a pointer by other. ptr = realloc (ptr, memory to allocate); free used to delete plas. free(ptr) Algo to destroy à quelle encek given queue is empty or not if its empty - print: queue is empty. if not, incremed pointer make a point temp variable and store front pointer data in temp. variable increment front by 1 and print element deleted ms9 in end free (temp);

6) resent front size to o 7) end comparison beto linked list and troay Array 1. contiguos location various locations. 2. not dynamic dunami c a. rentime Allocato. B. memory allocat? cet compile time 4. Use more memory use less memor elements accessed s. count access easily easily insertion of new is much element insertion element easy. hord what is BT, and its terminology + Tree who has atmost 2 childe Proof → node attop Deleaf - no child (B) internal - atteast one child 4) degree > no-of-children indegree - no-of nodes pointing given mode outdegree, no of noder given nodely pointly explain basic stack operations display delete push (inte) POPC, snow (りはしてり==食り S ifctop == size-D) if(tup==-1) pr(empty); PFC " stertfuu'); pf("empte"); else esse or d'r, & stack (top); for (i=0); isites pf(deleted percentered stack (top++) = C; { bl(wtq h starte) top -- i

3) repeat step (314) untill front reach and

of queue