ELTC-B3 20070123120 Camiin Page Queue Parth Nilcom Date / # include <stdio.h> # define SIZE 100 void enqueue (void); void dequeue (void); void show (void); int int_arr[s|ZE]; int Rear = -1; int Front = -1; int main () { int ch; while (1) } printf (" In! Enqueue In2. Dequeue In3. Display Queue In4. Exit In Enter your choice (1-4):"); Scanf ("1.d", Lch); Switch (ch) { case 1: Equeue(); break; Coye2: dequall's hreat; case 3: Show (); break; case 4: exit(0); defalls: printf ("Incorrect choice);

ELTC-B3 Camlin Page 20070123120 Queue void enqueue () { int insert_item; if (Rear = 512E-1) Printf (" Overflow In"); else } if (front = = -1) { Front =0; printf(" flement the inserted: "); scanf ("1.d", 4 insert_item); Rear = Rear +1; intp_arr[Rear] = insert_arr; Void dequeue() ? if (Front = = -1 | Front > Rear) } printf (" Under flow \n"); return; else { printf (" Element to be deleted "1.d \n", inp-arr (front]); Front = Front +1; void show O E if (Front = -1) printf (" Emply Queue"); e se Drintf ("Queue In"). for (int := Front i(= Rear; ift) {
print f ("Id", inp-arrij); }