Program 3 (Linean queue) # include <stdio.h> # include < stalib. h> () () () # define QUE-SIZE 1 int item, front=0, reas=-1, 9[10]; & it (reay = = QUE_SIZE -1) void insertaceage (Marting 1) ¿ print (" queue overflow /h"); neturi. 3 near = rear +1; the 1) + thing 1 1 seas alread = item; moli a. 116 x 11) + ma I int delete front () () rearretpression (reser < trans) fif E front = 6'thoughtalab = most : 5 mo neag = -1; (1- = = max) 21 neticky - (" quere in exist) + ever g greturn of [trout ++]; 3. void dis play QUI was the quiti; if (front > reag) () make in a cons print + ("queue is empty In"); "investore I print ! (" contents of queue \n"):

	for (i=front; i <= rear; it+)
	for (i= front; i = great)
	a print ("Ya"
	It just main
	& INT CHOICE
	ton (;;)
	¿ print f ("1: insertrear 2: deletefront 3: display y: exit(n");
	III CONTTIVI
	print f (" enter the choice In");
	scanf (" 1/2 d", & choice.)
	switch (choice)
	¿ case 1: print ("enter the item ("");
	Seant ("Y.d", & item);
	insert rear (); (1 thought 1 ab the)
	break; (more & trang) + 13
	case 2: item = delete front ();
	if (Ltem = = -1)
	print + ("queue is empty In");
	CASE THE BROAD OF CALLED A
	printf ("item deleted = Y.d In", item);
	bugk:
	default: exit(0);
	1 Daniel Having
	3) Patricup to Busting as a
124	13 Al Al Al Parce 2 and I as a second

: tugtua: 1. insertreau 2. deletefront 3 display 4 exit. enter the choice: 1 Limber enter the items: 10 1. insert rear 2. deletepront 3. display 4. exit enter the choice , 1 enter the item: 20 queue overflow 1. insertrear 2-deletejrout 3. desplay 4. exit enter the choice: 3 12 - 12 AT2 with the contents of queue: 10 1. insert rear 2. delete prout 3 display 4. exit enter the choice: 2 imstifui item deleted = 10 () News bios enter the choice = 4 1 AT = 300) in bho this walkener don't add me [Program finished] dremols