

C
Exint ("quene is empty \n"); neturn;
metumo:
mintf ("contents of grene \n"); for (i=front; i <= rean; i++)
smint ("contents of grene (")
for [i=front; i <= ream; i++)
[[[[[[[[[[[[[[[[[[[[
printf("/d/n", q[i]);
13. + 11.11
int main()
int choice;
fox();)
printf ("1: insertrear n 2: delete front n 3: display n 4: exit n"); printf ("enten the choice n"); scanf ("/d", & choice); switch (choice)
eximp ("enter the choice ");
scanf ("-/d", & choice);
switch (choice)
case 1: printf ("enter the item to be inserted \n"); scanf ("/d", & item);
scanf ("'/d", & item);
insertrear ();
break;
case 2: item = deletefront ();
if (item == -1) printf ("item deleted= 1.d \n", item); break;
printf ("item deleted=/.d/n", item):
break:
case 3: display (s);
break;
default: exit(o);

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CIRCULAR QUEUE
 # include < stdio. h>
# include < Stalib . h>
# define que_size 3
int item, front=0, rean=-1, g[que_size], count=0;
void insertream()
   if (count = = que-size)
       printf ("gnene overflow");
    rean = (rean +1) / que - size;
     q[rean] = item;
count ++;
int delete front ()
     if (count = #0) return -1;
     item = q [front];
front = (front + 1) / que_size;
count = count - 1;
      return item:
        printf ("greene is empty");
        neturn;
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	f=front; printf ("contents of guene \n"); fox (i=0; i = count; i++)
	smintf ("contents of the
	tox (1=0;12=com,)
	(smintf 1"/d/n", g(f));
	Printf ("/d/n", g [f]); f=(f+1)/gne-size;
	1 1 4 1 1 1
	void main()
	t int choice;
	fox(::)
	printf ("In1: Insert rearinz: Delete front In3: Display In 4: exit In"); printf ("Enten the choice;"); scanf ("Id", & choice); suitch (aboice)
	printf (" n1: Insert reamn2: Delete + row () ;
	print (Enter the Morice):
	switch (choice)
	case 1: printf ("Enter the item to be insented: "); scanf ("/d", & item);
	scanf ("/d", & item);
	insertrear();
	break;
	case 2: item = deletefront ();
	rist ("grene is empty \n");
	else
	printf ("item deleted is 1.d \n", item); break;
	case 3: displaya();
	aneak;
	default: exit (0);
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