Write a C program to implement Queue, write function to **ENQ, DEQ and List Elements**.

no

Underflowcondition

yes

Top++ and store number at top

no

Top+1=N-1

Overflow condition

yes

Number from user

no

yes

Enque

List elements

Index < top

Index++

Display element at index

Set index=0

no

yes

Queu is empty

Declare an integer array of size N to store queue

Display element at head

Shift all elements to left side by 1

Top - -

Top= -1

no

yes

Top = -1

Deque

Valid number

Top = -1