

2) Algorithm for implementing queue operation using array.

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AIM : C program to implementing queue operation using array.

Algorithm :

Step 1 : Start.

Step 2 : Declare functions of insertions, deletion and display.

Step 3 : Declare array queue [n].

Step 4 : Set rear = 0 and front = 0.

Step 5 : If user select choice 1, Repeat step 6 and 7.

Step 6 : If rear == n then print 'Queue is full' else, queue [rear++].

Step 7 : If check whether queue is full or not.

Step 8: If user select choice 2: Then

Step 9: check front == rear.
then print queue is empty.

Step 10 : else

Step 11 : If else select the choice 3,
then perform display function.

Step 12 : stop