

11.2 Algorithm: Step 1: Include all header Ale which are used in the program and define a constant 'SIZE' with specific value Step 2: Declare all the user defined functions which are used in queue implementation. steps: declare created one diamentional arrow with above defined SIZE Step 4: Define two integer variables i front, and 'rear's and initialize both with '-1' (int front =-1, ) tear=-1) Steps: The implement main method by displaying meny-of operations list and make suitable function couls to perform operado selected by the user on queue en Overe (volue) - Inserting volue into the queue in 9 gueur data structure in evenes is a function used to insert a new element is always inserted at tear position. The enqueue() function takes one integer value as parameter and inserts that value into the queue, we can use the following steps to insect an element into the quale Step 1: eneak another queue is full (rear= stzE-2) step 2: If it is full , then display ("ourge is full!) Insertion is not possible 111" and terminate the function . Step3: If it is Not full two increment rear value by one (rear 11) and set queue [rear] = value

