LAB-5 Name-Vedika Dalmia, USN-IBMIGCS181. WAP to simulate the working of a circular queue of int using an averay Provide the following operations: a) Insurt b) Delete c) Display. # define 8000 10 int processor & Q[N]; int front = -1, rear = -1; 100 IsFull () if (front == (rear +1).]. N) A : If \$ 610+3. else return False, 18 Empty () if (front = = -1 ff rear = = -1) return True; else Letwin False; Enquerre (x) if / IsFull()) Printf (" queue is Full"). else if (15 Empty ()) [wint front = 0; rear = 0. else near = (rear +1).1. N; Atrear J = X.

Name-Vedika Dalmia, VIN-IBM19CS181 Deguerre () if (Istmpty ())

Printf (" Queue iis Empty");
else if (front = = rear) else x = A[front]; for (i= front; i] = rear , i=(i+1)/.N) printf (1/d", Q [i]); printf (".j.d", QCiI); II to print the element in rear position