04 /6 /11 /2.0

NAME : CHIRAG

LABS - CIRCULAR QUEUE

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#indudecstalio.h> # define MAX 5 int cqueue_age[MAX]: int front = -1; int gear = -1; void insert (int item) if ((front == 0 && sear == MAX-1) | (front == rear +1)) printf. [" Queve werflow \n");

if (year == MAX -1)

-uar -0,

} rear= rear+1;

Course are Trear]= item;

CHIRAG void del() if (front == -1) print ("Queve Indution \n") print (" Flement deleted from gueve is glad", cqueue ans[fort]] if (front == year) front = front Hi void display() int front pus = front, reas pox = rou; print (" Queve is Empty re");

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e . : * . i ! ! CHIRAG Print (" aveve elements: \n") (front pre <= Year pos) while (front pos <= rear -pro) Print (" 10 d") gove rest fort pos] relse is size made belos lasmos. while (front pos <= MAX -1) printf ("/od", carere are Grant pied; front pos =0 while (front pus carear pus). print ("010d", cquere are [front pus D; front pist +; print ("\n1)" int main () int mhoice, item printf ("1. Insut \n");

print (" 3. Display h"); print ("4. Ruit \n");
print ("Fater your choice:");
Scoonf ("°10d", 4 choia); switch (choig) (ase): print ("Input the element for insertion in queue:") Sount (" obd", & item) insert (item); break case 2 : ale 1() display(); Case 4! Object! print (" wrong choice \").] while (choice ! =4);