Ankith S Vaidya

DSA Assignment Day 7

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| --- |
| #include<stdio.h> |
|  | #include<stdlib.h> |
|  | #include<queue.h> |
|  | void addq( int front,int rear, element item) |
|  | { |
|  | rear =(rear+1)%MAX\_QUEUE\_SIZE; |
|  | if(front==rear) |
|  | return; |
|  | queue[rear]=item; |
|  | } |
|  | void deleteq( int front,int rear, element item) |
|  | { |
|  | element item; |
|  | if(front==rear) |
|  | return queue\_emppty(); |
|  | front=(front+1)%MAX\_QUEUE\_SIZE; |
|  | return queue[front]; |
|  | } |
|  | void display() |
|  | { |
|  | int front\_pos = front,rear= rear; |
|  | if(front == -1) |
|  | { |
|  | printf("Queue is empty"); |
|  | return; |
|  | } |
|  | printf("Queue elements :n"); |
|  | if( front<= rear ) |
|  | while(front<= rear) |
|  | { |
|  | printf("%d ",cqueue\_arr[front]); |
|  | front\_pos++; |
|  | } |
|  | else |
|  | { |
|  | while(front\_pos <= MAX-1) |
|  | { |
|  | printf("%d ",cqueue\_arr[front]) |
|  | frontpos++; |
|  | } |
|  | front\_pos = 0; |
|  | while(front\_pos <= rear) |
|  | { |
|  | printf("%d ",cqueue\_arr[front]); |
|  | front++; |
|  | } |
|  | } |
|  | printf("n"); |
|  | } |