Assignment E-31.
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PRN: FZOIIICAO
The desired and the second
8. Describe double ended queue operations.
wi genting on que double ended queue:
1. Insert at the front?
This operation adds an element at the bronk.
Steps: of cheark the position of front.
5] It Brotz, semilable front = n-1.
of Eke, decrese mont by 1.
I Add the new key into army [Fint]
2. Insert at the Rear:
This operation adds an element to the year.
a check of the any is full.
b) It the deque is full, reinitialine rear=0.
of telse inverge year by).
d) the new keg into arry[rear].
3. Delete from the front
This operation seletes an element from the brooks
at check if the deque is empty.
by It the deque is empty, deletion country be
performed
I It the deque has only one element, set
front = -1 & rear = -1.
I Elseit front is at the end, set go to the hont 20.
e] Else front=front+1.

8. How can we process one-dimensional array h	sing
double ended queue?	
The state of the s	ADA
less for degal soe need to keep track of In	m indices
Front and year. We enqueux an item	
year or the Bront end of guidue of de qu	The second secon
an etem from both rear of front end.	
at create an empty array 'arri of six	e ni
enitialize front = 1 f rear = 0. Insent	
Element from year or front will lead to	
result	
by Insert element at hearens	
Jugest element at front end	1, 3
J Delete Clerat from fraguest.	
the state of the s	rdi.
07 1-1	
33. De What are advantages of double ended	que.
over simple quewes	<u> </u>
dus!	
Asvantages:	
I Insertion is at possible florough both end	
2) Deletion of elements possible Honoryth	both ends.
3 Elements can be accessed through iteration	
If A stack can be emplemented us to	og queue.
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