Queue Q

Crawling Queue

				12	20
[0]	[1]	[2]	[3]	[4]	[5]

Circular Queue

30				12	20
[0]	[1]	[2]	[3]	[4]	[5]

Action	Crawling Queue		Circular Queue	
	Front	Rear	Front	Rear
Q.Enqueue(4)	0	0	0	0
Q.Enqueue(5)	0	1	0	1
Q.Enqueue(9)	0	2	0	2
Q.Enqueue(8)	0	3	0	3
A = Q.dequeue()	1	3	1	3
B = Q.dequeue()	2	3	2	3
Q.Enqueue(12)	2	4	2	4
Q.Enqueue(20)	2	5	2	5
Q.Enqueue(30)	2	5 (Full)	2	0
B = Q.Dequeue()	3	5	3	0
A = Q.dequeue()	4	5	4	0