Started on	Wednesday, 6 November 2024, 2:03 PM
State	Finished
Completed on	Wednesday, 6 November 2024, 3:24 PM
Time taken	1 hour 20 mins
Grade	**300.00** out of 300.00 (**100**%)

Time limit	1 s
Memory limit	64 MB

Implementasikanlah ADT Queue dengan representasi array secara eksplisit dan alokasi statik. Diberikan file berikut:

- **boolean.h**
- **queue.h**

Submit file queue.c yang merupakan hasil implementasi queue.h

C ⇕

⚙ queue.c

Score: 100

Blackbox
Score: 100
Verdict: Accepted
Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.66 MB
2	10	Accepted	0.00 sec, 1.71 MB
3	10	Accepted	0.00 sec, 1.64 MB
4	10	Accepted	0.00 sec, 1.63 MB
5	10	Accepted	0.00 sec, 1.50 MB
6	10	Accepted	0.00 sec, 1.67 MB
7	10	Accepted	0.00 sec, 1.60 MB
8	10	Accepted	0.00 sec, 1.50 MB
9	10	Accepted	0.00 sec, 1.64 MB
10	10	Accepted	0.00 sec, 1.62 MB

Time limit	1 s
Memory limit	64 MB

Submit file **circular_queue.c** yang merupakan implementasi dari **circular_queue.h**, diberikan juga **boolean.h**

C ⇕

⚙ circular_queue.c

Score: 100

Blackbox

Score: 100

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.66 MB
2	10	Accepted	0.00 sec, 1.62 MB
3	10	Accepted	0.00 sec, 1.63 MB
4	10	Accepted	0.00 sec, 1.71 MB
5	10	Accepted	0.00 sec, 1.63 MB
6	10	Accepted	0.00 sec, 1.52 MB
7	10	Accepted	0.00 sec, 1.62 MB
8	10	Accepted	0.00 sec, 1.60 MB
9	10	Accepted	0.00 sec, 1.64 MB
10	10	Accepted	0.00 sec, 1.52 MB

Question **3**

Correct

Mark 100.00 out of 100.00

Time limit	1 s
Memory limit	64 MB

Submit file **copyqueue.c** yang merupakan implementasi dari copyqueue.h. Gunakan fungsi-fungsi yang telah didefinisikan di queue.h dan boolean.h serta diimplementasikan di **queue.c** pada soal nomor 1 sebagai bantuan.

Implementasi hanya boleh menggunakan fungsi-fungsi yang telah disediakan (CreateQueue, isEmpty, isFull, enqueue, dll) dan makro (IDX_HEAD, IDX_TAIL, HEAD, TAIL). **Dilarang** mengubah atau mengakses Buffer, idxHead dan idxTail secara langsung.

C ⬍

⚙ copyqueue.c

Score: 100

Blackbox

Score: 100

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	25	Accepted	0.00 sec, 1.57 MB
2	25	Accepted	0.00 sec, 1.56 MB
3	25	Accepted	0.00 sec, 1.71 MB
4	25	Accepted	0.00 sec, 1.66 MB

Jump to... ⬍