

Started on	Sunday, 16 October 2022, 9:34 AM
State	Finished
Completed on	Sunday, 16 October 2022, 6:10 PM
Time taken	8 hours 36 mins
Grade	300.00 out of 300.00 (100%)

Question **1**

Correct

Mark 100.00 out of 100.00

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 hasil implementasi **queue.h**

C ▾

 [queue.c](#)

Score: 100

Blackbox

Score: 100

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	4	Accepted	0.00 sec, 1.64 MB
2	4	Accepted	0.00 sec, 1.56 MB
3	4	Accepted	0.00 sec, 1.57 MB
4	4	Accepted	0.00 sec, 1.61 MB
5	4	Accepted	0.00 sec, 1.56 MB
6	4	Accepted	0.00 sec, 1.64 MB
7	4	Accepted	0.00 sec, 1.60 MB
8	4	Accepted	0.00 sec, 1.71 MB
9	4	Accepted	0.00 sec, 1.60 MB
10	4	Accepted	0.00 sec, 1.59 MB
11	4	Accepted	0.00 sec, 1.64 MB
12	4	Accepted	0.00 sec, 1.60 MB
13	4	Accepted	0.00 sec, 1.62 MB
14	4	Accepted	0.00 sec, 1.57 MB
15	4	Accepted	0.00 sec, 1.71 MB
16	4	Accepted	0.00 sec, 1.57 MB
17	4	Accepted	0.00 sec, 1.57 MB
18	4	Accepted	0.00 sec, 1.63 MB
19	4	Accepted	0.00 sec, 1.64 MB
20	4	Accepted	0.00 sec, 1.72 MB
21	4	Accepted	0.00 sec, 1.61 MB
22	4	Accepted	0.00 sec, 1.55 MB
23	4	Accepted	0.00 sec, 1.60 MB

23	4	Accepted	0.00 sec, 1.60 MB
No	Score	Verdict	Description

24	8	Accepted	0.00 sec, 1.60 MB
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Question **2**

Correct


Mark 100.00 out of 100.00

Time limit	1 s
Memory limit	64 MB

Implementasikanlah ADT Circular Queue dengan membuat file **circular_queue.c**!

Gunakanlah file [circular_queue.h](#) dan [boolean.h](#)

C

 [circular_queue.c](#)

Score: 100

Blackbox

Score: 100

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	14	Accepted	0.00 sec, 1.60 MB
2	14	Accepted	0.00 sec, 1.65 MB
3	14	Accepted	0.00 sec, 1.59 MB
4	14	Accepted	0.00 sec, 1.66 MB
5	14	Accepted	0.00 sec, 1.60 MB
6	14	Accepted	0.00 sec, 1.61 MB
7	16	Accepted	0.00 sec, 1.71 MB

Question **3**

Correct

Mark 100.00 out of 100.00

Time limit	1 s
Memory limit	64 MB

Implementasikan file header [reverse.h](#) yang berisi sebuah fungsi transferReverse yang berfungsi memindahkan isi dari satu queue ke queue lain dengan urutan yang terbalik.

Tidak diperbolehkan membuat array baru dalam pengerjaan soal ini. Gunakanlah fungsi-fungsi yang tersedia pada file [circular_queue.h](#) yang sudah kalian buat pada soal sebelumnya.

Contoh:

q1 (Kondisi awal)	q2 (Kondisi akhir)
[1, 2, 3]	[3, 2, 1]
[1]	[1]

Submit file **reverse.c**

C ▾

 [reverse.c](#)

Score: 100

Blackbox

Score: 100

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	25	Accepted	0.00 sec, 1.60 MB
2	25	Accepted	0.00 sec, 1.63 MB
3	25	Accepted	0.00 sec, 1.57 MB
4	25	Accepted	0.00 sec, 1.64 MB