Started on	Sunday, 13 November 2022, 8:34 PM
State	Finished
Completed on	Sunday, 13 November 2022, 8:54 PM
Time taken	19 mins 31 secs
Grade	**300.00** out of 300.00 (**100**%)

Time limit	1 s
Memory limit	64 MB

Implementasikan file listdp.h! Submit dengan nama file **listdp.c**

C ⇕

⚙ listdp.c

Score: 100

Blackbox
Score: 100
Verdict: Accepted
Evaluator: Exact

No	Score	Verdict	Description
1	5	Accepted	0.00 sec, 1.72 MB
2	5	Accepted	0.00 sec, 1.62 MB
3	5	Accepted	0.00 sec, 1.60 MB
4	5	Accepted	0.00 sec, 1.59 MB
5	5	Accepted	0.00 sec, 1.61 MB
6	5	Accepted	0.00 sec, 1.65 MB
7	5	Accepted	0.00 sec, 1.63 MB
8	5	Accepted	0.00 sec, 1.71 MB
9	5	Accepted	0.00 sec, 1.55 MB
10	5	Accepted	0.00 sec, 1.56 MB
11	5	Accepted	0.00 sec, 1.60 MB
12	5	Accepted	0.00 sec, 1.64 MB
13	5	Accepted	0.00 sec, 1.64 MB
14	5	Accepted	0.00 sec, 1.61 MB
15	5	Accepted	0.00 sec, 1.52 MB
16	5	Accepted	0.00 sec, 1.72 MB
17	5	Accepted	0.00 sec, 1.61 MB
18	5	Accepted	0.00 sec, 1.65 MB
19	5	Accepted	0.00 sec, 1.60 MB
20	5	Accepted	0.00 sec, 1.63 MB

Implementasikan file listdp.h! Submit dengan nama file **listdp.c**

Time limit	1 s
Memory limit	64 MB

Submit file **listsirkuler.c** yang mengimplementasikan listsirkuler.h

C ⬍

⚙ listsirkuler.c

Score: 100

Blackbox
Score: 100
Verdict: Accepted
Evaluator: Exact

No	Score	Verdict	Description
1	3	Accepted	0.00 sec, 1.71 MB
2	3	Accepted	0.00 sec, 1.65 MB
3	3	Accepted	0.00 sec, 1.60 MB
4	3	Accepted	0.00 sec, 1.60 MB
5	3	Accepted	0.00 sec, 1.67 MB
6	3	Accepted	0.00 sec, 1.61 MB
7	3	Accepted	0.00 sec, 1.72 MB
8	3	Accepted	0.00 sec, 1.59 MB
9	3	Accepted	0.00 sec, 1.71 MB
10	3	Accepted	0.00 sec, 1.71 MB
11	3	Accepted	0.00 sec, 1.72 MB
12	3	Accepted	0.00 sec, 1.50 MB
13	3	Accepted	0.00 sec, 1.50 MB
14	3	Accepted	0.00 sec, 1.64 MB
15	3	Accepted	0.00 sec, 1.68 MB
16	3	Accepted	0.00 sec, 1.58 MB
17	3	Accepted	0.00 sec, 1.61 MB
18	3	Accepted	0.00 sec, 1.71 MB
19	3	Accepted	0.00 sec, 1.56 MB
20	3	Accepted	0.00 sec, 1.54 MB
21	3	Accepted	0.00 sec, 1.67 MB
22	3	Accepted	0.00 sec, 1.60 MB
23	3	Accepted	0.00 sec, 1.64 MB
24	3	Accepted	0.00 sec, 1.59 MB
25	3	Accepted	0.00 sec, 1.59 MB

No	Score	Verdict	Description
26	3	Accepted	0.00 sec, 1.50 MB
27	3	Accepted	0.00 sec, 1.61 MB
28	3	Accepted	0.00 sec, 1.65 MB
29	16	Accepted	0.00 sec, 1.64 MB

Time limit	1 s
Memory limit	64 MB

Buatlah sebuah program yang dapat mengetahui elemen ke-N dari sebuah list menggunakan sebuah fungsi perantara ElemenKeN.

Program utama akan membaca input seperti pada tabel berikut

Input	Output	Penjelasan
0 0	List Kosong	List = [] N=0
0 1	List Kosong	List = [] N=1
1 2 3 4 5 0 0	1	List = [1,2,3,4,5] N=0 L(0) = 1
1 2 3 4 5 0 2	3	List = [1,2,3,4,5] N=2 L(2) = 3
1 2 3 4 5 0 4	5	List = [1,2,3,4,5] N=4 L(4) = 5
1 2 3 4 5 0 6	2	List = [1,2,3,4,5] N=6 L(6) = 2
1 2 3 4 5 0 8	4	List = [1,2,3,4,5] N=8 L(8) = 4

Program akan menerima input yang kemudian akan dimasukkan kedalam list hingga menerima input berupa angka 0. Setelah menerima angka 0, maka program akan meminta lagi sebuah inputan sebagai N yang akan dicari nilai elemennya.

Untuk mempermudah pengerjaan, silahkan lengkapi file template.c dan submit dengan format nama elemenken.c

Note: Semua input berupa bilangan asli positif

Gunakan ADT listsirkuler.c dan listsirkuler.h yang telah dibuat pada soal sebelumnya

C ⇕

⚙ template.c

Score: 100

Blackbox

Score: 100

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.65 MB
2	10	Accepted	0.00 sec, 1.54 MB
3	10	Accepted	0.00 sec, 1.61 MB
4	10	Accepted	0.00 sec, 1.71 MB
5	10	Accepted	0.00 sec, 1.71 MB
6	10	Accepted	0.00 sec, 1.71 MB
7	10	Accepted	0.00 sec, 1.64 MB
8	10	Accepted	0.00 sec, 1.61 MB
9	10	Accepted	0.00 sec, 1.67 MB
10	10	Accepted	0.00 sec, 1.64 MB