Started on	Thursday, 8 September 2022, 8:18 PM
State	Finished
Completed on	Friday, 9 September 2022, 11:43 AM
Time taken	15 hours 24 mins
Marks	1700.00/1700.00
Grade	**100.00** out of 100.00

Time limit	1 s
Memory limit	64 MB

Submit file **point.c**.

C

⚙ point.c

Score: 750

Blackbox

Score: 750

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.71 MB
2	10	Accepted	0.00 sec, 1.72 MB
3	10	Accepted	0.00 sec, 1.50 MB
4	10	Accepted	0.00 sec, 1.71 MB
5	10	Accepted	0.00 sec, 1.67 MB
6	10	Accepted	0.00 sec, 1.55 MB
7	10	Accepted	0.00 sec, 1.65 MB
8	10	Accepted	0.00 sec, 1.73 MB
9	10	Accepted	0.00 sec, 1.50 MB
10	10	Accepted	0.00 sec, 1.64 MB
11	10	Accepted	0.00 sec, 1.66 MB
12	10	Accepted	0.00 sec, 1.71 MB
13	10	Accepted	0.00 sec, 1.73 MB
14	10	Accepted	0.00 sec, 1.61 MB
15	10	Accepted	0.00 sec, 1.71 MB
16	10	Accepted	0.00 sec, 1.61 MB
17	10	Accepted	0.00 sec, 1.67 MB
18	10	Accepted	0.00 sec, 1.67 MB
19	10	Accepted	0.00 sec, 1.64 MB
20	10	Accepted	0.00 sec, 1.56 MB
21	10	Accepted	0.00 sec, 1.72 MB
22	10	Accepted	0.00 sec, 1.69 MB
23	10	Accepted	0.00 sec, 1.55 MB

No	Score	Verdict	Description
24	10	Accepted	0.00 sec, 1.72 MB
25	10	Accepted	0.00 sec, 1.67 MB
26	10	Accepted	0.00 sec, 1.58 MB
27	10	Accepted	0.00 sec, 1.67 MB
28	10	Accepted	0.00 sec, 1.70 MB
29	10	Accepted	0.00 sec, 1.68 MB
30	10	Accepted	0.00 sec, 1.67 MB
31	10	Accepted	0.00 sec, 1.67 MB
32	10	Accepted	0.00 sec, 1.67 MB
33	10	Accepted	0.00 sec, 1.73 MB
34	10	Accepted	0.00 sec, 1.71 MB
35	10	Accepted	0.00 sec, 1.64 MB
36	10	Accepted	0.00 sec, 1.51 MB
37	10	Accepted	0.00 sec, 1.66 MB
38	10	Accepted	0.00 sec, 1.55 MB
39	10	Accepted	0.00 sec, 1.64 MB
40	10	Accepted	0.00 sec, 1.55 MB
41	10	Accepted	0.00 sec, 1.68 MB
42	10	Accepted	0.00 sec, 1.71 MB
43	10	Accepted	0.00 sec, 1.73 MB
44	10	Accepted	0.00 sec, 1.71 MB
45	10	Accepted	0.00 sec, 1.68 MB
46	10	Accepted	0.00 sec, 1.68 MB
47	10	Accepted	0.00 sec, 1.76 MB
48	10	Accepted	0.00 sec, 1.84 MB
49	10	Accepted	0.00 sec, 1.72 MB
50	10	Accepted	0.00 sec, 1.82 MB
51	10	Accepted	0.00 sec, 1.80 MB
52	10	Accepted	0.00 sec, 1.71 MB
53	10	Accepted	0.00 sec, 1.80 MB
54	10	Accepted	0.00 sec, 1.76 MB
55	10	Accepted	0.00 sec, 1.68 MB
56	10	Accepted	0.00 sec, 1.63 MB
57	10	Accepted	0.00 sec, 1.51 MB
58	10	Accepted	0.00 sec, 1.65 MB
59	10	Accepted	0.00 sec, 1.58 MB
60	10	Accepted	0.00 sec, 1.68 MB

No	Score	Verdict	Description
60	10	Accepted	0.00 sec, 1.68 MB

No	Score	Verdict	Description
61	10	Accepted	0.00 sec, 1.67 MB
62	10	Accepted	0.00 sec, 1.63 MB
63	10	Accepted	0.00 sec, 1.66 MB
64	10	Accepted	0.00 sec, 1.67 MB
65	10	Accepted	0.00 sec, 1.66 MB
66	10	Accepted	0.00 sec, 1.69 MB
67	10	Accepted	0.00 sec, 1.71 MB
68	10	Accepted	0.00 sec, 1.67 MB
69	10	Accepted	0.00 sec, 1.71 MB
70	10	Accepted	0.00 sec, 1.71 MB
71	10	Accepted	0.00 sec, 1.77 MB
72	10	Accepted	0.00 sec, 1.70 MB
73	10	Accepted	0.00 sec, 1.87 MB
74	10	Accepted	0.00 sec, 1.91 MB
75	10	Accepted	0.00 sec, 1.81 MB

Time limit	1 s
Memory limit	64 MB

Submit file **time.c**.

C

⚙ time.c

Score: 530

Blackbox
Score: 530
Verdict: Accepted
Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.60 MB
2	10	Accepted	0.00 sec, 1.60 MB
3	10	Accepted	0.00 sec, 1.60 MB
4	10	Accepted	0.00 sec, 1.68 MB
5	10	Accepted	0.00 sec, 1.50 MB
6	10	Accepted	0.00 sec, 1.58 MB
7	10	Accepted	0.00 sec, 1.73 MB
8	10	Accepted	0.00 sec, 1.73 MB
9	10	Accepted	0.00 sec, 1.51 MB
10	10	Accepted	0.00 sec, 1.62 MB
11	10	Accepted	0.00 sec, 1.54 MB
12	10	Accepted	0.00 sec, 1.50 MB
13	10	Accepted	0.00 sec, 1.61 MB
14	10	Accepted	0.00 sec, 1.65 MB
15	10	Accepted	0.00 sec, 1.68 MB
16	10	Accepted	0.00 sec, 1.65 MB
17	10	Accepted	0.00 sec, 1.67 MB
18	10	Accepted	0.00 sec, 1.49 MB
19	10	Accepted	0.00 sec, 1.59 MB
20	10	Accepted	0.00 sec, 1.61 MB
21	10	Accepted	0.00 sec, 1.68 MB
22	10	Accepted	0.00 sec, 1.65 MB
23	10	Accepted	0.00 sec, 1.64 MB

No	Score	Verdict	Description
24	10	Accepted	0.00 sec, 1.65 MB

No	Score	Verdict	Description
25	10	Accepted	0.00 sec, 1.64 MB
26	10	Accepted	0.00 sec, 1.60 MB
27	10	Accepted	0.00 sec, 1.68 MB
28	10	Accepted	0.00 sec, 1.54 MB
29	10	Accepted	0.00 sec, 1.63 MB
30	10	Accepted	0.00 sec, 1.57 MB
31	10	Accepted	0.00 sec, 1.67 MB
32	10	Accepted	0.00 sec, 1.63 MB
33	10	Accepted	0.00 sec, 1.73 MB
34	10	Accepted	0.00 sec, 1.73 MB
35	10	Accepted	0.00 sec, 1.64 MB
36	10	Accepted	0.00 sec, 1.71 MB
37	10	Accepted	0.00 sec, 1.61 MB
38	10	Accepted	0.00 sec, 1.63 MB
39	10	Accepted	0.00 sec, 1.51 MB
40	10	Accepted	0.00 sec, 1.68 MB
41	10	Accepted	0.00 sec, 1.71 MB
42	10	Accepted	0.00 sec, 1.64 MB
43	10	Accepted	0.00 sec, 1.63 MB
44	10	Accepted	0.00 sec, 1.67 MB
45	10	Accepted	0.00 sec, 1.62 MB
46	10	Accepted	0.00 sec, 1.68 MB
47	10	Accepted	0.00 sec, 1.57 MB
48	10	Accepted	0.00 sec, 1.73 MB
49	10	Accepted	0.00 sec, 1.61 MB
50	10	Accepted	0.00 sec, 1.60 MB
51	10	Accepted	0.00 sec, 1.67 MB
52	10	Accepted	0.00 sec, 1.50 MB
53	10	Accepted	0.00 sec, 1.64 MB

Time limit	1 s
Memory limit	64 MB

Download file header ADT Garis dalam **garis.h** (yang dibuat dengan memanfaatkan ADT Point) dan buatlah file implementasinya. Buatlah driver sendiri untuk mengetes setiap fungsi/prosedur yang ada. Kumpulkan hanya file **garis.c**.

C

⚙ garis.c

Score: 190

Blackbox

Score: 190

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.54 MB
2	10	Accepted	0.00 sec, 1.67 MB
3	10	Accepted	0.00 sec, 1.64 MB
4	10	Accepted	0.00 sec, 1.55 MB
5	10	Accepted	0.01 sec, 1.72 MB
6	10	Accepted	0.00 sec, 1.79 MB
7	10	Accepted	0.00 sec, 1.77 MB
8	10	Accepted	0.00 sec, 1.64 MB
9	10	Accepted	0.00 sec, 1.66 MB
10	10	Accepted	0.00 sec, 1.68 MB
11	10	Accepted	0.00 sec, 1.66 MB
12	10	Accepted	0.00 sec, 1.70 MB
13	10	Accepted	0.00 sec, 1.55 MB
14	10	Accepted	0.00 sec, 1.65 MB
15	10	Accepted	0.00 sec, 1.67 MB
16	10	Accepted	0.00 sec, 1.55 MB
17	10	Accepted	0.00 sec, 1.71 MB
18	10	Accepted	0.00 sec, 1.71 MB
19	10	Accepted	0.00 sec, 1.63 MB

Time limit	1 s
Memory limit	64 MB

Download file header ADT Vector dalam **vector.h** (yang dibuat dengan memanfaatkan ADT Point) dan buatlah file implementasinya. Buatlah driver sendiri untuk mengetes setiap fungsi/prosedur yang ada. Kumpulkan hanya file **vector.c**.

C

⚙ vector.c

Score: 190

Blackbox
Score: 190
Verdict: Accepted
Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.71 MB
2	10	Accepted	0.00 sec, 1.73 MB
3	10	Accepted	0.00 sec, 1.55 MB
4	10	Accepted	0.00 sec, 1.71 MB
5	10	Accepted	0.00 sec, 1.57 MB
6	10	Accepted	0.00 sec, 1.63 MB
7	10	Accepted	0.00 sec, 1.73 MB
8	10	Accepted	0.00 sec, 1.71 MB
9	10	Accepted	0.00 sec, 1.73 MB
10	10	Accepted	0.00 sec, 1.85 MB
11	10	Accepted	0.00 sec, 1.83 MB
12	10	Accepted	0.00 sec, 1.64 MB
13	10	Accepted	0.00 sec, 1.68 MB
14	10	Accepted	0.00 sec, 1.50 MB
15	10	Accepted	0.00 sec, 1.71 MB
16	10	Accepted	0.00 sec, 1.65 MB
17	10	Accepted	0.00 sec, 1.63 MB
18	10	Accepted	0.00 sec, 1.73 MB
19	10	Accepted	0.01 sec, 1.55 MB

Time limit	1 s
Memory limit	64 MB

Dengan memanfaatkan ADT Time yang telah Anda buat pada pra praktikum, buatlah sebuah program yang digunakan untuk membaca beberapa pasangan TIME yang merepresentasikan waktu mulai dan waktu selesai pembicaraan telepon di suatu perusahaan penyedia layanan telepon, misalnya <T1, T2>. Selanjutnya untuk masing-masing pasangan, dituliskan durasi pembicaraan telepon dalam detik. Durasi pembicaraan telepon harus positif, sehingga harus diperiksa dulu manakah di antara T1 dan T2 yang lebih awal. Jam yang lebih awal adalah jam mulai sedangkan jam yang lebih akhir adalah jam selesai.

Selanjutnya tuliskan jam mulai pembicaraan yang paling awal yang ada dalam record dan jam selesai paling akhir yang ada dalam record. Pembacaan data dimulai dengan banyaknya pasangan data yang akan dibaca yaitu N. Asumsikan N > 0 (tidak perlu diperiksa). Untuk setiap pasangan record, ditandai dengan nomor record dalam format: [<nomor record>].

Berikut adalah contoh interaksi program (yang digaris bawah dan dicetak tebal adalah input pengguna):

Interaksi Input/Output	Keterangan
3	Ada 3 record yang akan dibaca.
[1]	Pada record [1]: durasi jam <1,0,0> dan <3,0,0> adalah 7200 detik
1 0 0	
3 0 0	
7200	Pada record [2]: jam <4,0,0> adalah jam selesai, jam <2,0,0> adalah jam mulai. Durasi antara keduanya adalah 7200 detik.
[2]	
4 0 0	
2 0 0	Pada record [3]: pembacaan jam pertama diulang 1 kali karena tidak valid. Jam pertama adalah <1,0,0>, jam kedua adalah <1,0,0> sehingga durasi antara keduanya adalah 0 detik.
7200	
[3]	
-1 0 0	
Jam tidak valid	
1 0 0	
1 0 0	Setelah semua record dibaca:
0	Jam mulai paling awal: <1,0,0>
1:0:0	Jam selesai paling akhir: <4,0,0>
4:0:0	

Catatan:

- Anda **tidak** memerlukan array untuk menyelesaikan program ini.
- Beri nama file untuk soal ini: **mtime.c** (tidak boleh diganti)
- Kumpulkan file **mtime.c**.

C

⚙ mtime.c

Score: 40

Blackbox

Blackbox

Score: 40

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.01 sec, 1.67 MB
2	10	Accepted	0.00 sec, 1.63 MB
3	10	Accepted	0.00 sec, 1.68 MB
4	10	Accepted	0.00 sec, 1.61 MB

◄ vector.h

Jump to...