## <u>Dashboard</u> / My courses / <u>ITB\_IF2110\_1\_2223</u> / <u>Praktikum 3</u> / <u>Latihan Praktikum 3</u>

**Grade 100.00** out of 100.00

Sunday, 18 September 2022, 10:34 PM
Finished
Monday, 19 September 2022, 12:18 AM
1 hour 44 mins
1370.00/1370.00

Question **1**Correct
Mark 490.00 out of 490.00

Time limit	1 s
Memory limit	64 MB

Downloadlah file header <u>liststatik.h</u> yang merupakan ADT List dengan representasi implisit, alokasi statik dengan elemen bilangan bulat positif, lalu buatlah file implementasinya. Untuk menandai elemen yang tidak terdefinisi dalam list, digunakan nilai -9999. Kumpulkan file bernama **liststatik.c** 

C

liststatik.c

Score: 490

Blackbox Score: 490

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.58 MB
2	10	Accepted	0.00 sec, 1.59 MB
3	10	Accepted	0.00 sec, 1.64 MB
4	10	Accepted	0.00 sec, 1.49 MB
5	10	Accepted	0.00 sec, 1.49 MB
6	10	Accepted	0.00 sec, 1.66 MB
7	10	Accepted	0.00 sec, 1.55 MB
8	10	Accepted	0.00 sec, 1.61 MB
9	10	Accepted	0.00 sec, 1.58 MB
10	10	Accepted	0.00 sec, 1.57 MB
11	10	Accepted	0.00 sec, 1.54 MB
12	10	Accepted	0.00 sec, 1.62 MB
13	10	Accepted	0.00 sec, 1.56 MB
14	10	Accepted	0.00 sec, 1.61 MB
15	10	Accepted	0.00 sec, 1.50 MB
16	10	Accepted	0.00 sec, 1.57 MB
17	10	Accepted	0.00 sec, 1.55 MB
18	10	Accepted	0.00 sec, 1.65 MB
19	10	Accepted	0.00 sec, 1.58 MB
20	10	Accepted	0.00 sec, 1.71 MB
21	10	Accepted	0.00 sec, 1.57 MB
22	10	Accepted	0.00 sec, 1.67 MB

No Score Veranted Beschiptibh 3 N	1B
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24	10	Accepted	0.00 sec, 1.66 MB
25	10	Accepted	0.00 sec, 1.54 MB
26	10	Accepted	0.00 sec, 1.65 MB
27	10	Accepted	0.00 sec, 1.66 MB
28	10	Accepted	0.00 sec, 1.71 MB
29	10	Accepted	0.00 sec, 1.61 MB
30	10	Accepted	0.00 sec, 1.61 MB
31	10	Accepted	0.00 sec, 1.50 MB
32	10	Accepted	0.00 sec, 1.63 MB
33	10	Accepted	0.00 sec, 1.61 MB
34	10	Accepted	0.00 sec, 1.65 MB
35	10	Accepted	0.00 sec, 1.64 MB
36	10	Accepted	0.00 sec, 1.67 MB
37	10	Accepted	0.00 sec, 1.67 MB
38	10	Accepted	0.00 sec, 1.64 MB
39	10	Accepted	0.00 sec, 1.59 MB
40	10	Accepted	0.00 sec, 1.64 MB
41	10	Accepted	0.00 sec, 1.65 MB
42	10	Accepted	0.00 sec, 1.60 MB
43	10	Accepted	0.00 sec, 1.50 MB
44	10	Accepted	0.00 sec, 1.72 MB
45	10	Accepted	0.00 sec, 1.71 MB
46	10	Accepted	0.00 sec, 1.67 MB
47	10	Accepted	0.00 sec, 1.56 MB
48	10	Accepted	0.00 sec, 1.66 MB
49	10	Accepted	0.00 sec, 1.57 MB

Question **2**Correct
Mark 580.00 out of 580.00

Time limit	1 s
Memory limit	64 MB

Downloadlah file header <u>listdin.h</u> yang merupakan ADT list dengan representasi eksplisit dan alokasi dinamik. Implementasikan dalam ADT tersebut dalam file bernama listdin.c. Kumpulkan file Bernama **listdin.c** 

C

<u>listdin.c</u>

Score: 580

Blackbox Score: 580

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.55 MB
2	10	Accepted	0.00 sec, 1.65 MB
3	10	Accepted	0.00 sec, 1.50 MB
4	10	Accepted	0.00 sec, 1.60 MB
5	10	Accepted	0.00 sec, 1.61 MB
6	10	Accepted	0.00 sec, 1.65 MB
7	10	Accepted	0.00 sec, 1.61 MB
8	10	Accepted	0.00 sec, 1.65 MB
9	10	Accepted	0.00 sec, 1.61 MB
10	10	Accepted	0.00 sec, 1.47 MB
11	10	Accepted	0.00 sec, 1.55 MB
12	10	Accepted	0.00 sec, 1.61 MB
13	10	Accepted	0.00 sec, 1.58 MB
14	10	Accepted	0.00 sec, 1.57 MB
15	10	Accepted	0.00 sec, 1.61 MB
16	10	Accepted	0.00 sec, 1.60 MB
17	10	Accepted	0.00 sec, 1.62 MB
18	10	Accepted	0.00 sec, 1.58 MB
19	10	Accepted	0.01 sec, 1.57 MB
20	10	Accepted	0.00 sec, 1.57 MB
21	10	Accepted	0.00 sec, 1.66 MB
22	10	Accepted	0.00 sec, 1.55 MB
23	10	Accepted	0.02 sec, 1.54 MB

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No	Score	Verdict	Description
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24         10         Accepted         0.00 sec, 1.60 MB           25         10         Accepted         0.00 sec, 1.60 MB           26         10         Accepted         0.00 sec, 1.54 MB           27         10         Accepted         0.00 sec, 1.61 MB           28         10         Accepted         0.00 sec, 1.61 MB           29         10         Accepted         0.00 sec, 1.61 MB           30         10         Accepted         0.00 sec, 1.65 MB           31         10         Accepted         0.00 sec, 1.65 MB           32         10         Accepted         0.00 sec, 1.67 MB           34         10         Accepted         0.00 sec, 1.67 MB           35         10         Accepted         0.00 sec, 1.67 MB           36         10         Accepted         0.00 sec, 1.67 MB           37         10         Accepted         0.00 sec, 1.67 MB           38         10         Accepted         0.00 sec, 1.65 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.55 MB           41         10         Accepted         0.00 sec, 1.50 MB				
26         10         Accepted         0.00 sec, 1.54 MB           27         10         Accepted         0.00 sec, 1.60 MB           28         10         Accepted         0.00 sec, 1.61 MB           29         10         Accepted         0.00 sec, 1.65 MB           30         10         Accepted         0.00 sec, 1.65 MB           31         10         Accepted         0.00 sec, 1.67 MB           32         10         Accepted         0.00 sec, 1.67 MB           34         10         Accepted         0.00 sec, 1.67 MB           35         10         Accepted         0.00 sec, 1.64 MB           36         10         Accepted         0.00 sec, 1.65 MB           37         10         Accepted         0.00 sec, 1.67 MB           38         10         Accepted         0.00 sec, 1.67 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.55 MB           41         10         Accepted         0.00 sec, 1.50 MB           42         10         Accepted         0.00 sec, 1.50 MB           43         10         Accepted         0.00 sec, 1.50 MB	24	10	Accepted	0.00 sec, 1.60 MB
27         10         Accepted         0.00 sec, 1.60 MB           28         10         Accepted         0.00 sec, 1.61 MB           29         10         Accepted         0.00 sec, 1.61 MB           30         10         Accepted         0.00 sec, 1.65 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, 1.67 MB           34         10         Accepted         0.00 sec, 1.65 MB           36         10         Accepted         0.00 sec, 1.65 MB           37         10         Accepted         0.00 sec, 1.65 MB           38         10         Accepted         0.00 sec, 1.65 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.55 MB           43         10         Accepted         0.00 sec, 1.55 MB           44         10         Accepted         0.00 sec, 1.50 MB           45         10         Accepted         0.00 sec, 1.50 MB	25	10	Accepted	0.00 sec, 1.60 MB
28       10       Accepted       0.00 sec, 1.61 MB         29       10       Accepted       0.00 sec, 1.71 MB         30       10       Accepted       0.00 sec, 1.65 MB         31       10       Accepted       0.00 sec, 1.67 MB         32       10       Accepted       0.00 sec, 1.67 MB         34       10       Accepted       0.00 sec, 1.56 MB         35       10       Accepted       0.00 sec, 1.64 MB         36       10       Accepted       0.00 sec, 1.65 MB         37       10       Accepted       0.00 sec, 1.67 MB         38       10       Accepted       0.00 sec, 1.67 MB         39       10       Accepted       0.00 sec, 1.67 MB         40       10       Accepted       0.00 sec, 1.55 MB         41       10       Accepted       0.00 sec, 1.55 MB         43       10       Accepted       0.00 sec, 1.55 MB         44       10       Accepted       0.00 sec, 1.59 MB         45       10       Accepted       0.00 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.58 MB         47       10       Accepted       0.00 sec, 1.65 MB <td< td=""><td>26</td><td>10</td><td>Accepted</td><td>0.00 sec, 1.54 MB</td></td<>	26	10	Accepted	0.00 sec, 1.54 MB
29       10       Accepted       0.00 sec, 1.71 MB         30       10       Accepted       0.00 sec, 1.65 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, 1.56 MB         34       10       Accepted       0.00 sec, 1.64 MB         35       10       Accepted       0.00 sec, 1.65 MB         36       10       Accepted       0.00 sec, 1.65 MB         37       10       Accepted       0.00 sec, 1.65 MB         39       10       Accepted       0.00 sec, 1.67 MB         40       10       Accepted       0.00 sec, 1.65 MB         41       10       Accepted       0.00 sec, 1.55 MB         43       10       Accepted       0.00 sec, 1.50 MB         44       10       Accepted       0.00 sec, 1.50 MB         45       10       Accepted       0.00 sec, 1.50 MB         46       10       Accepted       0.00 sec, 1.68 MB         47       10       Accepted       0.00 sec, 1.68 MB         49       10       Accepted       0.00 sec, 1.65 MB <td< td=""><td>27</td><td>10</td><td>Accepted</td><td>0.00 sec, 1.60 MB</td></td<>	27	10	Accepted	0.00 sec, 1.60 MB
30         10         Accepted         0.00 sec, 1.65 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, 1.67 MB           34         10         Accepted         0.00 sec, 1.64 MB           35         10         Accepted         0.00 sec, 1.65 MB           36         10         Accepted         0.00 sec, 1.65 MB           38         10         Accepted         0.00 sec, 1.67 MB           39         10         Accepted         0.00 sec, 1.67 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.55 MB           43         10         Accepted         0.00 sec, 1.50 MB           44         10         Accepted         0.00 sec, 1.50 MB           45         10         Accepted         0.00 sec, 1.50 MB           46         10         Accepted         0.00 sec, 1.65 MB           47         10         Accepted         0.00 sec, 1.65 MB           48         10         Accepted         0.00 sec, 1.65 MB	28	10	Accepted	0.00 sec, 1.61 MB
31       10       Accepted       0.00 sec, 1.51 MB         32       10       Accepted       0.00 sec, 1.67 MB         33       10       Accepted       0.00 sec, 1.67 MB         34       10       Accepted       0.00 sec, 1.56 MB         35       10       Accepted       0.00 sec, 1.64 MB         36       10       Accepted       0.00 sec, 1.65 MB         37       10       Accepted       0.00 sec, 1.65 MB         39       10       Accepted       0.00 sec, 1.67 MB         40       10       Accepted       0.00 sec, 1.65 MB         41       10       Accepted       0.00 sec, 1.55 MB         41       10       Accepted       0.00 sec, 1.55 MB         43       10       Accepted       0.01 sec, 1.50 MB         44       10       Accepted       0.00 sec, 1.59 MB         45       10       Accepted       0.00 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.50 MB         47       10       Accepted       0.00 sec, 1.65 MB         49       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB <td< td=""><td>29</td><td>10</td><td>Accepted</td><td>0.00 sec, 1.71 MB</td></td<>	29	10	Accepted	0.00 sec, 1.71 MB
32         10         Accepted         0.00 sec, 1.67 MB           33         10         Accepted         0.00 sec, 1.67 MB           34         10         Accepted         0.00 sec, 1.56 MB           35         10         Accepted         0.00 sec, 1.64 MB           36         10         Accepted         0.00 sec, 1.65 MB           37         10         Accepted         0.00 sec, 1.65 MB           38         10         Accepted         0.00 sec, 1.67 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.55 MB           42         10         Accepted         0.00 sec, 1.55 MB           43         10         Accepted         0.01 sec, 1.66 MB           44         10         Accepted         0.00 sec, 1.50 MB           45         10         Accepted         0.00 sec, 1.50 MB           46         10         Accepted         0.00 sec, 1.68 MB           47         10         Accepted         0.00 sec, 1.65 MB           49         10         Accepted         0.00 sec, 1.67 MB           50         10         Accepted         0.00 sec, 1.67 MB	30	10	Accepted	0.00 sec, 1.65 MB
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34         10         Accepted         0.00 sec, 1.56 MB           35         10         Accepted         0.00 sec, 1.64 MB           36         10         Accepted         0.00 sec, 1.57 MB           37         10         Accepted         0.00 sec, 1.65 MB           38         10         Accepted         0.00 sec, 1.67 MB           39         10         Accepted         0.00 sec, 1.65 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.55 MB           42         10         Accepted         0.01 sec, 1.66 MB           43         10         Accepted         0.01 sec, 1.66 MB           44         10         Accepted         0.02 sec, 1.50 MB           45         10         Accepted         0.00 sec, 1.50 MB           46         10         Accepted         0.00 sec, 1.68 MB           47         10         Accepted         0.00 sec, 1.65 MB           48         10         Accepted         0.00 sec, 1.65 MB           50         10         Accepted         0.00 sec, 1.67 MB           51         10         Accepted         0.00 sec, 1.67 MB	32	10	Accepted	0.00 sec, 1.67 MB
35         10         Accepted         0.00 sec, 1.64 MB           36         10         Accepted         0.00 sec, 1.57 MB           37         10         Accepted         0.00 sec, 1.65 MB           38         10         Accepted         0.00 sec, 1.67 MB           39         10         Accepted         0.00 sec, 1.67 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.71 MB           42         10         Accepted         0.00 sec, 1.55 MB           43         10         Accepted         0.01 sec, 1.66 MB           44         10         Accepted         0.00 sec, 1.50 MB           45         10         Accepted         0.00 sec, 1.59 MB           46         10         Accepted         0.00 sec, 1.50 MB           47         10         Accepted         0.00 sec, 1.68 MB           49         10         Accepted         0.00 sec, 1.65 MB           50         10         Accepted         0.00 sec, 1.67 MB           51         10         Accepted         0.00 sec, 1.72 MB           52         10         Accepted         0.00 sec, 1.67 MB	33	10	Accepted	0.00 sec, 1.67 MB
36         10         Accepted         0.00 sec, 1.57 MB           37         10         Accepted         0.00 sec, 1.65 MB           38         10         Accepted         0.00 sec, 1.67 MB           39         10         Accepted         0.00 sec, 1.67 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.55 MB           42         10         Accepted         0.01 sec, 1.66 MB           43         10         Accepted         0.01 sec, 1.66 MB           44         10         Accepted         0.00 sec, 1.50 MB           45         10         Accepted         0.00 sec, 1.59 MB           46         10         Accepted         0.00 sec, 1.50 MB           47         10         Accepted         0.00 sec, 1.68 MB           48         10         Accepted         0.00 sec, 1.65 MB           50         10         Accepted         0.00 sec, 1.67 MB           51         10         Accepted         0.00 sec, 1.50 MB           52         10         Accepted         0.00 sec, 1.67 MB           53         10         Accepted         0.00 sec, 1.67 MB	34	10	Accepted	0.00 sec, 1.56 MB
37         10         Accepted         0.00 sec, 1.65 MB           38         10         Accepted         0.00 sec, 1.67 MB           39         10         Accepted         0.00 sec, 1.67 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.71 MB           42         10         Accepted         0.00 sec, 1.55 MB           43         10         Accepted         0.01 sec, 1.66 MB           44         10         Accepted         0.00 sec, 1.59 MB           45         10         Accepted         0.00 sec, 1.59 MB           46         10         Accepted         0.00 sec, 1.50 MB           48         10         Accepted         0.00 sec, 1.68 MB           49         10         Accepted         0.00 sec, 1.65 MB           50         10         Accepted         0.00 sec, 1.67 MB           51         10         Accepted         0.00 sec, 1.50 MB           52         10         Accepted         0.01 sec, 1.67 MB           53         10         Accepted         0.00 sec, 1.71 MB           54         10         Accepted         0.00 sec, 1.64 MB	35	10	Accepted	0.00 sec, 1.64 MB
38         10         Accepted         0.00 sec, 1.67 MB           39         10         Accepted         0.00 sec, 1.67 MB           40         10         Accepted         0.00 sec, 1.65 MB           41         10         Accepted         0.00 sec, 1.71 MB           42         10         Accepted         0.00 sec, 1.55 MB           43         10         Accepted         0.01 sec, 1.66 MB           44         10         Accepted         0.00 sec, 1.59 MB           45         10         Accepted         0.00 sec, 1.59 MB           46         10         Accepted         0.00 sec, 1.50 MB           48         10         Accepted         0.00 sec, 1.68 MB           49         10         Accepted         0.00 sec, 1.65 MB           50         10         Accepted         0.00 sec, 1.67 MB           51         10         Accepted         0.00 sec, 1.50 MB           52         10         Accepted         0.01 sec, 1.67 MB           53         10         Accepted         0.00 sec, 1.67 MB           54         10         Accepted         0.00 sec, 1.64 MB           55         10         Accepted         0.00 sec, 1.65 MB <td>36</td> <td>10</td> <td>Accepted</td> <td>0.00 sec, 1.57 MB</td>	36	10	Accepted	0.00 sec, 1.57 MB
39       10       Accepted       0.00 sec, 1.67 MB         40       10       Accepted       0.00 sec, 1.65 MB         41       10       Accepted       0.00 sec, 1.71 MB         42       10       Accepted       0.00 sec, 1.55 MB         43       10       Accepted       0.01 sec, 1.66 MB         44       10       Accepted       0.00 sec, 1.50 MB         45       10       Accepted       0.00 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.50 MB         47       10       Accepted       0.00 sec, 1.68 MB         49       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB         51       10       Accepted       0.00 sec, 1.50 MB         52       10       Accepted       0.00 sec, 1.50 MB         53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.64 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.65 MB	37	10	Accepted	0.00 sec, 1.65 MB
40       10       Accepted       0.00 sec, 1.65 MB         41       10       Accepted       0.00 sec, 1.71 MB         42       10       Accepted       0.00 sec, 1.55 MB         43       10       Accepted       0.01 sec, 1.66 MB         44       10       Accepted       0.00 sec, 1.50 MB         45       10       Accepted       0.00 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.50 MB         47       10       Accepted       0.00 sec, 1.68 MB         49       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB         51       10       Accepted       0.00 sec, 1.50 MB         52       10       Accepted       0.00 sec, 1.50 MB         53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.65 MB	38	10	Accepted	0.00 sec, 1.67 MB
41       10       Accepted       0.00 sec, 1.71 MB         42       10       Accepted       0.00 sec, 1.55 MB         43       10       Accepted       0.01 sec, 1.66 MB         44       10       Accepted       0.00 sec, 1.50 MB         45       10       Accepted       0.02 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.50 MB         47       10       Accepted       0.00 sec, 1.68 MB         49       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB         51       10       Accepted       0.00 sec, 1.72 MB         52       10       Accepted       0.00 sec, 1.50 MB         53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.65 MB	39	10	Accepted	0.00 sec, 1.67 MB
42       10       Accepted       0.00 sec, 1.55 MB         43       10       Accepted       0.01 sec, 1.66 MB         44       10       Accepted       0.00 sec, 1.50 MB         45       10       Accepted       0.02 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.57 MB         47       10       Accepted       0.00 sec, 1.50 MB         48       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB         51       10       Accepted       0.00 sec, 1.72 MB         52       10       Accepted       0.00 sec, 1.50 MB         53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.65 MB	40	10	Accepted	0.00 sec, 1.65 MB
43       10       Accepted       0.01 sec, 1.66 MB         44       10       Accepted       0.00 sec, 1.50 MB         45       10       Accepted       0.02 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.57 MB         47       10       Accepted       0.00 sec, 1.50 MB         48       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB         51       10       Accepted       0.00 sec, 1.72 MB         52       10       Accepted       0.00 sec, 1.50 MB         53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.65 MB	41	10	Accepted	0.00 sec, 1.71 MB
44       10       Accepted       0.00 sec, 1.50 MB         45       10       Accepted       0.02 sec, 1.59 MB         46       10       Accepted       0.00 sec, 1.57 MB         47       10       Accepted       0.00 sec, 1.50 MB         48       10       Accepted       0.00 sec, 1.68 MB         49       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB         51       10       Accepted       0.00 sec, 1.50 MB         52       10       Accepted       0.01 sec, 1.67 MB         53       10       Accepted       0.00 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.64 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.65 MB	42	10	Accepted	0.00 sec, 1.55 MB
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47       10       Accepted       0.00 sec, 1.50 MB         48       10       Accepted       0.00 sec, 1.68 MB         49       10       Accepted       0.00 sec, 1.65 MB         50       10       Accepted       0.00 sec, 1.67 MB         51       10       Accepted       0.00 sec, 1.72 MB         52       10       Accepted       0.01 sec, 1.50 MB         53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.71 MB         57       10       Accepted       0.00 sec, 1.65 MB	45	10	Accepted	0.02 sec, 1.59 MB
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52       10       Accepted       0.00 sec, 1.50 MB         53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.71 MB         57       10       Accepted       0.00 sec, 1.65 MB	50	10	Accepted	0.00 sec, 1.67 MB
53       10       Accepted       0.01 sec, 1.67 MB         54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.71 MB         57       10       Accepted       0.00 sec, 1.65 MB	51	10	Accepted	0.00 sec, 1.72 MB
54       10       Accepted       0.00 sec, 1.71 MB         55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.71 MB         57       10       Accepted       0.00 sec, 1.65 MB	52	10	Accepted	0.00 sec, 1.50 MB
55       10       Accepted       0.00 sec, 1.64 MB         56       10       Accepted       0.00 sec, 1.71 MB         57       10       Accepted       0.00 sec, 1.65 MB	53	10	Accepted	0.01 sec, 1.67 MB
56         10         Accepted         0.00 sec, 1.71 MB           57         10         Accepted         0.00 sec, 1.65 MB	54	10	Accepted	0.00 sec, 1.71 MB
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<u>'</u>	56	10	Accepted	0.00 sec, 1.71 MB
58 10 Accepted 0.00 sec, 1.65 MB	57	10	Accepted	0.00 sec, 1.65 MB
	58	10	Accepted	0.00 sec, 1.65 MB

Question **3**Correct
Mark 100.00 out of 100.00

Time limit	1 s
Memory limit	64 MB

Dengan memanfaatkan ADT List Statik yang telah Anda buat pada tugas pra-praktikum, buatlah sebuah program yang digunakan untuk membaca sebuah List, misalnya T, dengan ukuran efektif N (N dibaca dari keyboard), lalu membaca elemen-elemen T dari keyboard. N harus bernilai  $0 \le N \le MaxNbEl(T)$ . Kemudian program menuliskan ulang isi T dalam format: [e1,e2,...,en]. Selanjutnya, program menerima masukan sebuah nilai integer, misalnya X dan menampilkan beberapa hal sebagai berikut secara berturut-turut:

- Berapa banyak kemunculan X dalam array.
- Jika X ada di array, tuliskan di indeks ke-berapa X muncul terakhir kali. Jika X tidak ada di array, tuliskan "X tidak ada".
- Apakah X adalah nilai maksimum, nilai minimum, atau nilai tengah (median) dari deret nilai dalam array (lihat contoh interaksi di bawah), jika X ada di array.

Gunakan fungsi dan prosedur yang telah kalian buat pada pra-praktikum, include file .h yang bersangkutan.

Median adalah nilai yang dalam rangking (terkecil ke terbesar) dari seluruh nilai mahasiswa yang valid merupakan nilai yang tepat berada di tengah. Jika banyaknya mahasiswa N dan N adalah ganjil, maka median adalah nilai pada rangking ke-(N div 2)+1. Jika N genap, maka nilai tengah adalah nilai pada rangking ke-(N div 2). Petunjuk: Gunakan prosedur untuk sorting.

Dipersilakan membuat fungsi/prosedur tambahan dalam program ini jika perlu.

Kumpulkan file bernama olist.c dan liststatik.c (file dari pra-praktikum kalian) dalam zip bernama olist.zip

**Hint (tidak wajib diikuti, untuk kemudahan saja):** Buat fungsi/prosedur untuk invers list atau mengubah urutan, misalnya [1,6,3] menjadi [3,6,1]. Gunakan fungsi indexOf dan inverse untuk mendapatkan X indeks terakhir.

Contoh input/output:

Input	Output	Keterangan
6		N = 6
1		lsi array = [1,-1,7,4,-1,3]
-1	[1,-1,7,4,-1,3]	X = -1
7	2	Muncul terakhir kali di indeks = 4
4 -1	4	maksimum = 7
3	minimum	minimum = -1
-1		median = 1
6		
1		
-1	[1,-1,2,4,-1,2]	N = 6
2	0	lsi array = [1,-1,2,4,-1,2]
4	8 tidak ada	X = 8
-1		X tidak ada dalam array
2		
8		

5		N = 5
3	[3,2,2,4,2]	lsi array = {3,2,2,4,2}
2	3	X = 2
2	4	Muncul terakhir kali di indeks = 4
4	minimum	maksimum = 4
2	median	minimum = 2
2		median = 2
5	[1,1,1,1,1]	N = 5
1	5	lsi array = [1,1,1,1,1]
1		X = 1
1		Muncul terakhir kali di indeks = 4
1	minimum	maksimum = 1
1	median	minimum = 1
1	illeulali	median = 1

С

olist.zip

Score: 100

Blackbox Score: 100

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.63 MB
2	10	Accepted	0.00 sec, 1.54 MB
3	10	Accepted	0.00 sec, 1.50 MB
4	10	Accepted	0.00 sec, 1.56 MB
5	10	Accepted	0.00 sec, 1.65 MB
6	10	Accepted	0.00 sec, 1.57 MB
7	10	Accepted	0.00 sec, 1.52 MB
8	10	Accepted	0.00 sec, 1.63 MB
9	10	Accepted	0.00 sec, 1.57 MB
10	10	Accepted	0.00 sec, 1.57 MB

Question **4**Correct
Mark 100.00 out of 100.00

Time limit	1 s
Memory limit	64 MB

Tuan Rez adalah seorang koordinator praktikum. Saat menyusun jadwal, ia menemukan beberapa NIM praktikan muncul di beberapa kelas yang berbeda. Seharusnya, seorang praktikan hanya muncul sekali pada salah satu kelas. Ayo bantu Tuan Rez untuk menemukan NIM yang muncul lebih dari satu kali pada kelas yang berbeda. Gunakan List Statik yang telah dibuat pada pra-praktikum. Problem ini dapat diselesaikan dengan list intersection, silakan implementasikan list intersection untuk menyelesaikan persoalan ini.

Beberapa informasi yang perlu diketahui:

- NIM pada kelas tidak selalu terurut.
- Input awal adalah jumlah orang pada kelas pertama (N), lalu diikuti dengan N baris NIM dari kelas pertama. Lalu, diikuti jumlah orang pada kelas kedua (M), lalu diikuti dengan M baris NIM dari kelas kedua.
- NIM selalu bertipe bilangan bulat (integer).
- NIM bisa terdiri dari 1 sampai 8 digit.
- NIM tidak mungkin berawalan 0. (Contoh yang tidak mungkin: 0001)
- NIM hanya bisa muncul satu kali pada kelas yang sama.
- Kelas bisa kosong, jika kosong, berarti tidak ada yang akan sama.
- Output harap disort dari NIM terkecil ke NIM terbesar.
- Kelas hanya ada dua (2).

**Hint (tidak wajib, untuk kemudahan saja)**: Gunakan indexOf, printList, isEmpty, listLength, readList, insertList, sortList yang telah kalian buat pada pra-praktikum.

Kumpulkan file Bernama intersect.c dan liststatik.c (file dari pra-praktikum kalian) dalam zip bernama **intersect.zip** Contoh input/output:

Input	Output	Keterangan
3		N = 3
13522001		lsi array kelas 1 = [13522001,
13522002		13522002, 13522003]
13522003		
4	1	M = 3
13522002	[13522002]	lsi array kelas 2 = [13522002,
13522004		13522004, 13522005, 13522006]
13522005		
13522006		Hanya 13522002 yang muncul dua kali di dua kelas berbeda.
		N = 0
		lsi array kelas 1 = []
0		
2	0	M = 2
13519001	0	lsi array kelas 2 = [13519001,
13519002		13519002]
		Tidak ada yang sama
		Tidak ada yang sama.
0	0	
0	0	Setiap kelas kosong.

		h
		N = 1
1		lsi array kelas 1 = [13521001]
13521001	0	
1	0	M = 1
13521002		lsi array kelas 2 = [13521002]
		Tidak ada yang sama.
6		N = 6
13519001		
13518077		lsi array kelas 1 = [13519001, 13518077, 18218182, 13518013,
18218182		13519003, 13522001]
13518013		
13519003	3 [13518013,13519001,18218182]	M = 5
13522001		lsi array kelas 2 = [13518013,
5	[13316013,13319001,16216162]	18218182, 18218001, 13519001,
13518013		13522002]
18218182		
18218001		Ada 3 NIM yang muncul dua kali di dua kelas berbeda.
13519001		add Rolld bellbedd.
13522002		

C

intersect.zip

Score: 100

Blackbox Score: 100

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.54 MB
2	10	Accepted	0.00 sec, 1.61 MB
3	10	Accepted	0.00 sec, 1.61 MB
4	10	Accepted	0.00 sec, 1.50 MB
5	10	Accepted	0.00 sec, 1.64 MB
6	10	Accepted	0.00 sec, 1.68 MB
7	10	Accepted	0.00 sec, 1.68 MB
8	10	Accepted	0.00 sec, 1.63 MB
9	10	Accepted	0.00 sec, 1.64 MB
10	10	Accepted	0.00 sec, 1.71 MB

Question **5**Correct
Mark 100.00 out of 100.00

Time limit	1 s
Memory limit	64 MB

Tuan Cel tiba-tiba sakit dan tidak masuk, sehingga Tuan Rez harus menggabungkan dua kelas praktikum menjadi satu. Tuan Rez membutuhkan list NIM Mahasiswa yang terurut dari penggabungan dua kelas tersebut. Namun, data NIM yang dimiliki Tuan Rez tidak rapih dan terdapat NIM yang sama pada dua kelas praktikum tersebut. Sedangkan yang diinginkan adalah NIM gabungan dari dua kelas tersebut tanpa ada yang duplikat. Gunakan ADT List Dinamik yang telah kalian implementasikan pada Pra-Praktikum. Permasalahan ini bisa diselesaikan dengan menggabungkan kedua array menjadi satu tanpa elemen duplikat, lalu di sort.

Beberapa informasi yang perlu diketahui:

- NIM pada kelas tidak selalu terurut.
- Input awal adalah jumlah orang pada kelas pertama (N), lalu diikuti dengan N baris NIM dari kelas pertama. Lalu, diikuti jumlah orang pada kelas kedua (M), lalu diikuti dengan M baris NIM dari kelas kedua.
- NIM selalu bertipe bilangan bulat (integer).
- NIM bisa terdiri dari 1 sampai 8 digit.
- NIM tidak mungkin berawalan 0. (Contoh yang tidak mungkin: 0001)
- NIM hanya bisa muncul satu kali pada kelas yang sama.
- Kelas bisa kosong.
- Output harap disort dari NIM terkecil ke NIM terbesar.
- Kelas hanya ada dua (2).
- Kelas bisa memiliki data NIM yang sama.

Kumpulkan file Bernama merge.c dan listdin.c (file dari pra-praktikum kalian) dalam zip bernama merge.zip

Hint: gunakan fungsi/prosedur (create list, read list, dst.) yang telah kalian implementasikan pada pra-praktikum.

Sebelum memanggil fungsi readList, silakan gunakan CreateListDin dengan kapasitas 200. List hasil menggunakan kapasitas 400.

Contoh input/output:

Input	Output	Keterangan
3	5	N = 3
1	[1,2,3,5,6]	Kelas 1 = [1,3,2]
3		
2		M = 4
4		Kelas 2 = [3,2,6,5]
3		
2		
6		
5		
1	3	N = 1
109	[109,117,189]	Kelas 1 = [109]
2		
117		M = 2
189		Kelas 2 = [117, 189]
0	2	N = 0
2	[13519002,13519049]	Kelas 1 = []
13519002		
13519049		M = 2

		Kelas 2 = [13519002,13519049]
0	0	N = 0, M = 0
0	0	
2	2	N = 2
110	[110,128]	Kelas 1 = [110, 128]
128		
2		M = 2
110		Kelas 2 = [110, 128]
128		

C

merge.zip

Score: 100

Blackbox Score: 100

Verdict: Accepted Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 1.49 MB
2	10	Accepted	0.00 sec, 1.64 MB
3	10	Accepted	0.00 sec, 1.56 MB
4	10	Accepted	0.00 sec, 1.61 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, 1.52 MB
8	10	Accepted	0.00 sec, 1.64 MB
9	10	Accepted	0.00 sec, 1.65 MB
10	10	Accepted	0.00 sec, 1.68 MB

→ listdin.h

Jump to...

matrix.h -