

Fundamentals of Programming

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Insertion and Deletion on linked list:

At any point of time list should be in sorted order(increasing).

For example:

If the input is

I 5

Insert 5 into sorted linked list.

If the input is

D 3

Delete node at index 3 from the sorted linked list.(indexing of linked list starts from 1)

If the input is

d

Display the current sorted linked list.

Exit the program when the input is END.

Ex:

#Input

I 7

I 2

D 1

I 9

d

I 4

I 5

d

I 4

D 3

D 1

d

END

#Output

7 9

4 5 7 9

4 7 9

Online Judge

Programming language: C (run locally)

Compiler: gcc -m32 -D_MOODLE_ONLINE_JUDGE_ -Wall -static -o %DEST% %SOURCES% -lm

Maximum memory usage: 1MB

Maximum CPU time: 1 sec

Available from: Wednesday, 27 May 2015, 05:35 PM

Due date: Friday, 31 July 2015, 05:35 PM

Submission

No files submitted yet

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fop