



Утегенов Батырхан Елембетұлы [ADS-Lab-02]: Submit a solution

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23:21:06 / RUNNING

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Submit a solution for I-103500. Doubly linked list.

Time limit: 1 s

Real time limit: 5 s

Memory limit: 256M

Problem I: 103500. Doubly linked list.

In this problem you need to complete the template [urlhttps : //paste.ubuntu.com/p/hMJK6v55br/](https://paste.ubuntu.com/p/hMJK6v55br/).

Implement the doubly linked list data structure. The program reads a sequence of command, performs one or another operation. The linked list stores the names of books.

Possible commands for the program

- **add_front** Add a new book to the beginning of the linked list. The program should output "ok"
- **add_back** Add a new book to the end of linked list. The program should output "ok"
- **erase_front** Erase the first book in the linked list. The program should output name of erased book
- **erase_back** Erase the last book in the linked list. The program should output name of erased book
- **front** Print the name of the first book.
- **back** Print the name of the last book
- **clear** Erase the all books in the linked list. The program should output "ok"
- **exit** The program should output "goodbye" and exit

Examples

Input

```
add_front Harry_Potter
add_back Light
erase_front
erase_back
erase_front
add_front Happy
back
add_back Autumn
add_front Alchemy
clear
front
exit
```

Output

```
ok
ok
Harry_Potter
Light
error
ok
Happy
ok
ok
ok
error
goodbye
```

Submit a solution

Language:

g++ - GNU C++ 11.4.0



File

Choose File

No file chosen

Send!

Send!

Previous submissions of this problem

Run ID	Time	Size	Problem	Language	Result	Failed test	View source	View report
1506	538:38:06	3117	I	g++	OK	N/A	View	View

- A
- B
- C
- D
- E
- F
- H
- I
- K
- L

[ejudge 3.10.3+ \(GIT 6da71ff82\) \(2023-08-02 06:59:26\).](#)
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