

[Scoreboard \(/contest/scoreboard/1873/\)](/contest/scoreboard/1873/)

2019/12/17 21:00:00

12days, 18:58:34

2020/01/07 18:00:00

Problem

Asker

Description

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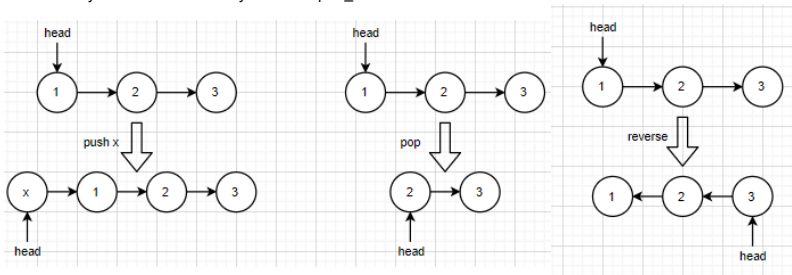
Given several operations, push x , pop , print , reverse , create a linked list dynamically.

- You have to implement 3 functions:

```
1. void Push(Node** ptr_head,int x)
```

```
3. void Reverse_List(Node** ptr_head)
```

Note: Modify the Node* head by Node** ptr_head



There're operations on several lines.

All operations are one of push x, pop, print, reverse.
It's guaranteed that:

- Number of operations is less than 5,000,000
- Integer x is in $[-1000, 1000]$
- The maximum length of linked list is less than 10,000.

Output the linked list for every print .

Download (data:text/plain;charset=utf-8,push%201%0Apush%202%0Aprint%0Areverse%0Aprint%0Apop%0Aprint%0Apush%206%0Apush%206%0Apush%206%0Aprint%0Areverse%0Aprint%0Apo

```
push 1
push 2
print
reverse
print
pop
print
push 6
```

```
push 6
push 6
print
reverse
print
pop
pop
pop
pop
pop
pop
pop
pop
pop
pop
pop
print
push 9
print
```

Sample Output

[Download \(data:text/plain;charset=utf-8,2%20-%3E%201%0A1%20-%3E%202%0A2%0A6%20-%3E%206%20-%3E%206%20-%3E%202%0A2%20-%3E%206%20-%3E%206%20-%3E%206%0A](#)

```
2 -> 1
1 -> 2
2
6 -> 6 -> 6 -> 2
2 -> 6 -> 6 -> 6

9
```

Partial Judge Code

12568.c (/problem/partial/12568.c/)

Partial Judge Header

12568.h (/problem/partial/12568.h/)

Discuss