**Reorder List**

Given a singly linked list

L: L0 → L1 → … → Ln-1 → Ln,

reorder it to:

L0 → Ln → L1 → Ln-1 → L2 → Ln-2 → …

You must do this in-place without altering the nodes’ values.

For example,  
Given {1,2,3,4}, reorder it to {1,4,2,3}.