

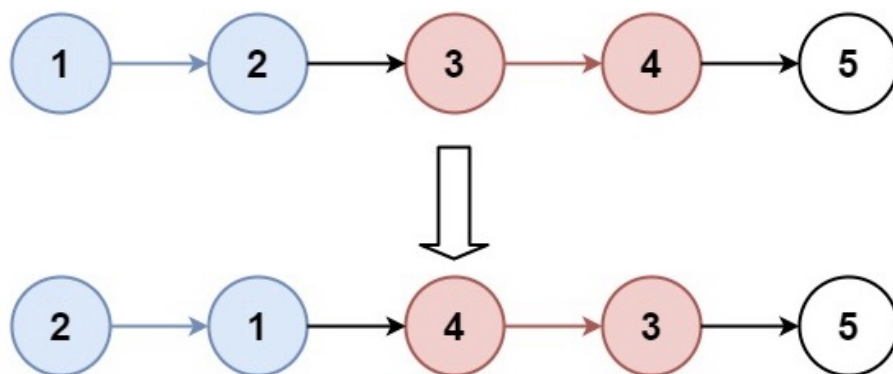
題目敘述

Given the `head` of a linked list, reverse the nodes of the list `k` at a time, and return *the modified list*.

`k` is a positive integer and is less than or equal to the length of the linked list. If the number of nodes is not a multiple of `k` then left-out nodes, in the end, should remain as it is.

You may not alter the values in the list's nodes, only nodes themselves may be changed.

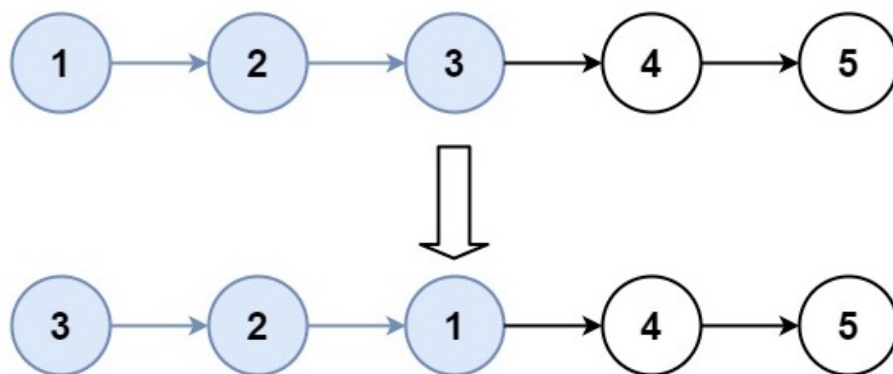
Example 1:



Input: `head = [1,2,3,4,5]`, `k = 2`

Output: `[2,1,4,3,5]`

Example 2:



Input: `head = [1,2,3,4,5]`, `k = 3`

Output: `[3,2,1,4,5]`

```

struct Node {
    int val;
    Node *next;
    Node() : val(0), next(nullptr) {}
    Node(int x) : val(x), next(nullptr) {}
    Node(int x, Node *next) : val(x), next(next) {}
};
    
```

```

class Solution {
public:
    Node* solve(Node* head, int k) {
        if (!head) return nullptr;
    }
};
    
```

```

Node *ok = head;
for (int i = 0; i < k; ++i) {
    if (!ok) return head;
    ok = ok->next;
}

Node *nxt = nullptr, *prev = nullptr;
Node *now = head;

int cnt = 0;
while (now and cnt < k) {
    nxt = now->next;
    now->next = prev;
    prev = now;
    now = nxt;
    ++cnt;
}

if (nxt) head->next = solve(nxt, k);
return prev;
}
};

```