

25/1/24

Lect code 2

```
struct ListNode* index(struct ListNode* head, int
                        index)
```

{

```
    int i = 0;
```

```
    while (i < index - 1)
```

{

```
        head = head->next
```

```
        i++;
```

}

```
    return head;
```

}

```
struct ListNode* reverseBetween(struct ListNode*
                                head, int left)
```

{

```
    int temp;
```

```
    struct ListNode* copy, *1, *s;
```

```
    copy = head;
```

```
    while (left < right)
```

{

```
        l = index(head, left);
```

```
        r = index(head, right);
```

```
        temp = l->val;
```

```
        l->val = r->val;
```

```
        l = temp;
```



```
    left++;  
    right--;  
}
```

```
return head;
```

```
}
```