Lec-40

```
public ListNode getIntersectionNode(ListNode head, ListNode head2) {
        ListNode s = head;
        ListNode sp = head;
        ListNode f = head;
        int[] n = new int[2];
        while (f != null) {
            f = f.next;
            n[0]++;
        }
        f = head2;
        while (f != null) {
            f = f.next;
            n[1]++;
        }
        int[] t = new int[2];
        t[0] = n[0];
        t[1] = n[1];
        while (n[0] > n[1]) {
            s = s.next;
            n[0]--;
        }
        while (n[1] > n[0]) {
            sp = sp.next;
            n[1]--;
        }
        return s;
    }
```

(3)
(4, 2)
Head
Head
Head
null
null
null