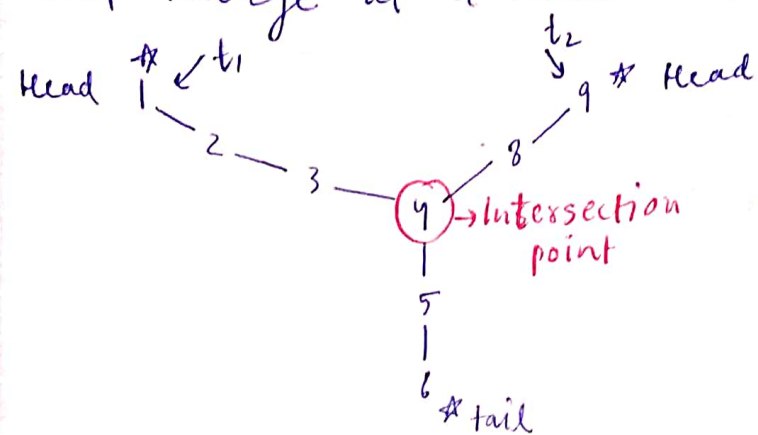


## Intersection point of linked lists

A function is passed two linked lists which start separately but merge at a node and become common thereafter.



```

public static int findIntersection (LinkedList one, LinkedList two) {
    Node t1 = one.head;
    Node t2 = two.head;
    int delta = Math.abs(one.size - two.size);
    if (one.size > two.size) {
        for (int i = 0; i < delta; i++) {
            t1 = t1.next;
        }
    } else if (two.size > one.size) {
        for (int i = 0; i < delta; i++) {
            t2 = t2.next;
        }
    }
    while (t1 != t2) {
        t1 = t1.next;
        t2 = t2.next;
    }
    return t1.data;
}
    
```

