INTERSECTION OF TWO LINKED LISTS

```java
public class Solution
{
    public ListNode getIntersectionNode(ListNode headA, ListNode headB)
    {
        ListNode head1 = headA;
        ListNode head2 = headB;
        while(head1 != head2)
        {
            if(head1 != null)
            {
                head1 = head1.next;
            }
            else
            {
                head1 = headB;
            }
            if(head2 != null) head2 = head2.next;
            else head2 = headA;
        }
        return head1;
    }
}
```