**Intersection of Two Linked Lists**

Node\* findIntersection(Node \*firstHead, Node \*secondHead)

{

    //Write your code here

    Node \*curr1 = firstHead;

    Node \*curr2 = secondHead;

    int len1 = 0;

    int len2 = 0;

    while(curr1){

        len1++;

        curr1 = curr1->next;

    }

    while(curr2){

        len2++;

        curr2 = curr2->next;

    }

    int x = abs(len1-len2);

   Node\* temp1;

   Node\* temp2;

        if(len1>=len2){

            temp1 = firstHead;

            while(x){

                temp1 = temp1->next;

                x--;

            }

            temp2 = secondHead;

        }

        else{

            temp1 = secondHead;

            while(x){

                temp1 = temp1->next;

                x--;

            }

            temp2 = firstHead;

        }

  while(temp1 != temp2){

      temp1 = temp1->next;

      temp2 = temp2->next;

  }

  return temp1;

}