### Multiply two linked lists

Given elements as nodes of the two linked lists. The task is to multiply these two linked lists, say L1 and L2.

**Note:** The output could be large take modulo 109+7.

class GfG{

public long multiplyTwoLists(Node l1,Node l2)

{

long n1=0,n2=0;

while(l1!=null)

{

n1 = ((n1\*10)+l1.data)%(long)(Math.pow(10,9)+7);

l1=l1.next;

}

while(l2!=null)

{

n2= ((n2\*10)+l2.data)%(long)(Math.pow(10,9)+7);

l2= l2.next;

}

return (n1\*n2)%(long)(Math.pow(10,9)+7);

//add code here.

}

}