1. Fibonacci sequence

public class exp2{

public static void main(String args[]){

int i=0;

for(i=1;i<=10;i++)

System.out.println(f(i));

}

public static int f(int x)

{

//things need to be answered

}

}

1. Define the term “public” [2]
2. By using the recursion, fill the method f(int x) [4]
3. Write down the output [1]

2.

public class Solution {

public ListNode f(ListNode head) {

if (head == null) {

return head;

}

ListNode cur = head.next;

ListNode pre = head;

while (cur != null){

pre.next = cur.next;

cur.next = head;

head = cur;

cur = pre.next;

}

return head;

}

}

1. Define the term parameter [2]
2. Write down the function of method f(ListNode head)[3]