```java
package solutions;

public class LinkedList {

    long sumOfEvenNumbers = 2;
    Node current;
    Node previous;

    static class Node {

        long data;
        //Constructor:

        Node(long data) {
            this.data = data;
        }
    }

    public static LinkedList insertElement(LinkedList l, long data) {
        Node newNode = new Node(data);

        if (l.current == null) {
            l.current = newNode;
            l.previous = null;
        } else {
            l.previous = l.current;
            l.current = newNode;
        }

        return l;
    }

    public static void main(String[] args) {
        LinkedList fibonacci = new LinkedList();

        fibonacci.insertElement(fibonacci, 1);
        fibonacci.insertElement(fibonacci, 2);
        while (fibonacci.current.data < 4000000) {
            fibonacci = fibonacci.insertElement(fibonacci, (fibonacci.current.data +
fibonacci.previous.data));
            if (fibonacci.current.data % 2 == 0) {
                fibonacci.sumOfEvenNumbers += fibonacci.current.data;
            }
        }

        System.out.println("Answer : " + fibonacci.sumOfEvenNumbers);
    }

}
```