Lab8Q1

Describe a method for finding the middle node of a doubly linked list with header

And trailer sentinels by “linked hopping ”and without relying on explicit know ledge

Of the size of the list .in the case of an even number of nodes report the node

Slightly left of center as the “middle ”what is the running time of this method

Begin with s=header ,n=trailer;

While s.nextNode()!=n.previousNode()OR

s.element()!=n. previousNode()

do{

s=s.nextNode(),n=n. previousNode()

}

Return n. previousNode()