i>clicker

Session 2 – with Solutions
Question 1

What does the following code fragment produce?

Node *newNode = new Node(4);
head = newNode;
newNode->next = head; // Head NULL or not
elementCount++;

A. ![Diagram A]
B. ![Diagram B]
C. If there were elements in the linked list, they are now lost
D. None of the above
Question 2
Would we be able to traverse a linked list using the following code fragment:

```c
// Anchor head of linked list
Node* current = head;
for ( int step = 1; step < elementCount; step++ )
    current = current -> next;
```

A. Yes
B. No
C. Only if there are elements stored in the linked list
D. Only if we initialize `step` to 0
E. None of the above