

TOP

Item #5

Source Code

```
public class SLL1 {  
    public class Node {  
        int data;  
        Node next;  
        Node(int data, Node next) {  
            this.data = data;  
            this.next = next;  
        }  
    }  
    public Node head;  
    public Node tail;  
    public boolean isEmpty() {  
        return (head == null);  
    }  
    public void addFirst(int input) {  
        Node newNode = new Node(input, null);  
        if (isEmpty()) {  
            head = tail = newNode;  
            System.out.println("The linked list is still empty");  
        } else {  
            newNode.next = head;
```

Answer

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- 1. is the value of temp.data number 2 in line number 83?
- 2. is the value of temp.data number 3 in line number 83?
- 3. is the value of temp.data number 4 in line number 83?
- 4. is the value printed when executing a command in line number 90, based on action addFirst() in line numbers 15-25?
- 5. is the value printed when executing a command in line number 93, based on action addLast() in line numbers 26-36?
- 6. is the value printed when executing a command in line number 94, based on action addFirst() in line numbers 15-25?
- 7. is the value printed when executing a command in line number 95, based

