**JOBSHEET 11**

**Linked List**



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**Class**

1I

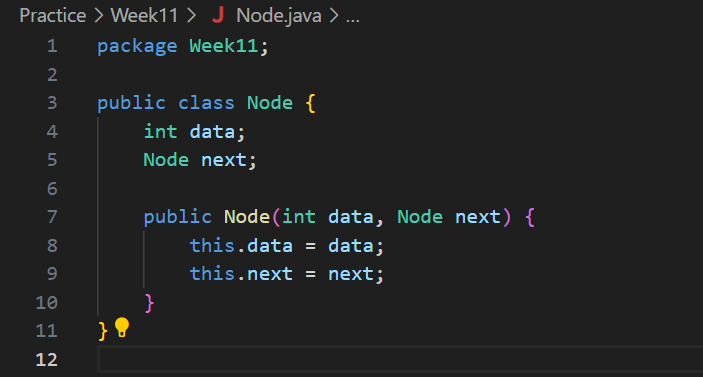
**Major**

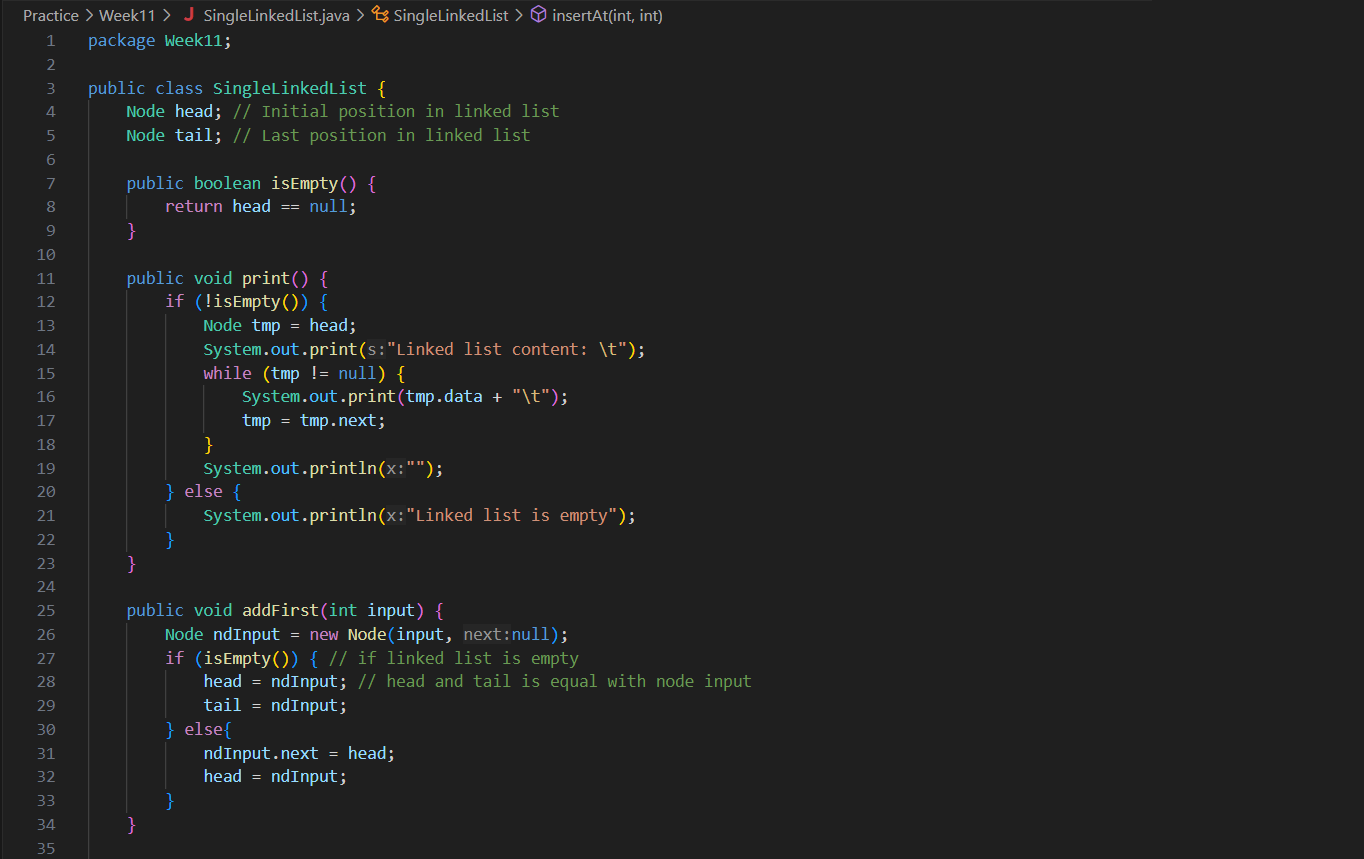
Information Technology

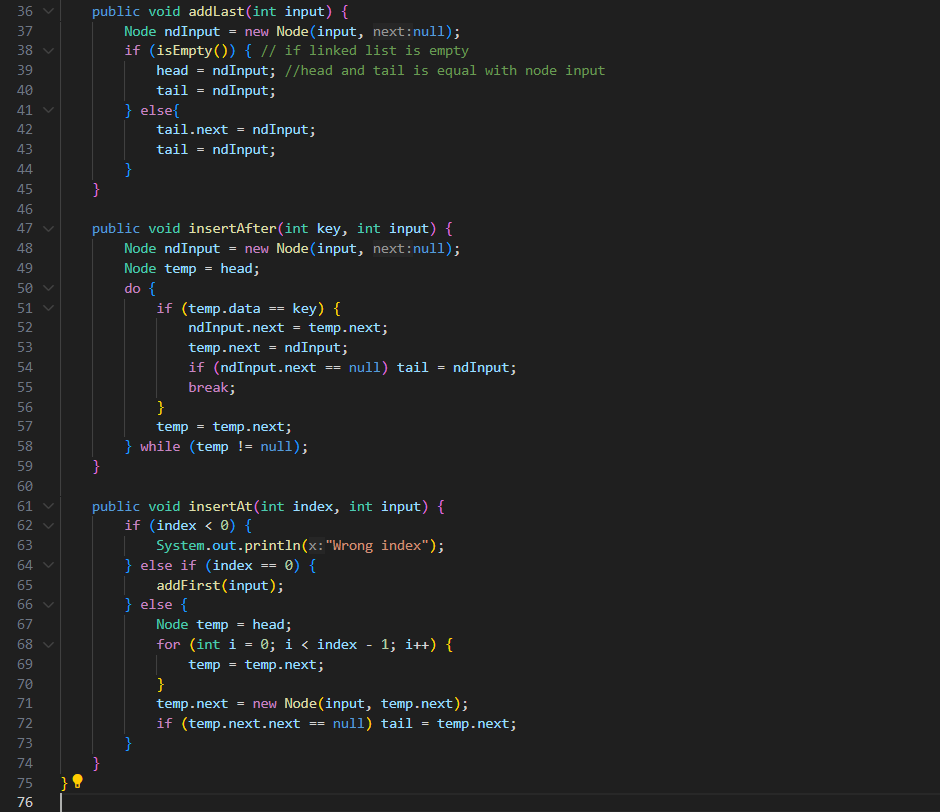
**Study Program**

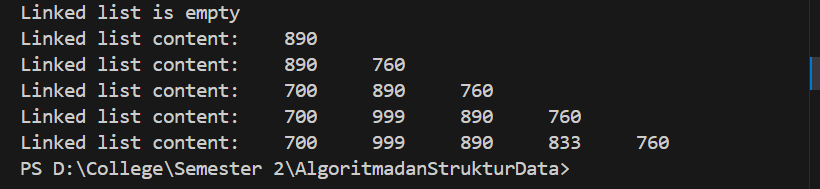
D4 Informatics Engineering

**Lab Activity 1**

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**Question**

1. Why the output of the program in first line is “Linked list is empty”?
2. Please explain the usage of these following codes in:



1. In SingleLinkedList, what is the usage of this following code in insertAt?



**Lab Activity 2**

**Question**

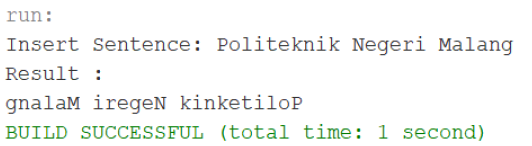
1. Why we use break keyword in remove function? Please explain
2. Please explain why we implement these following codes in method remove

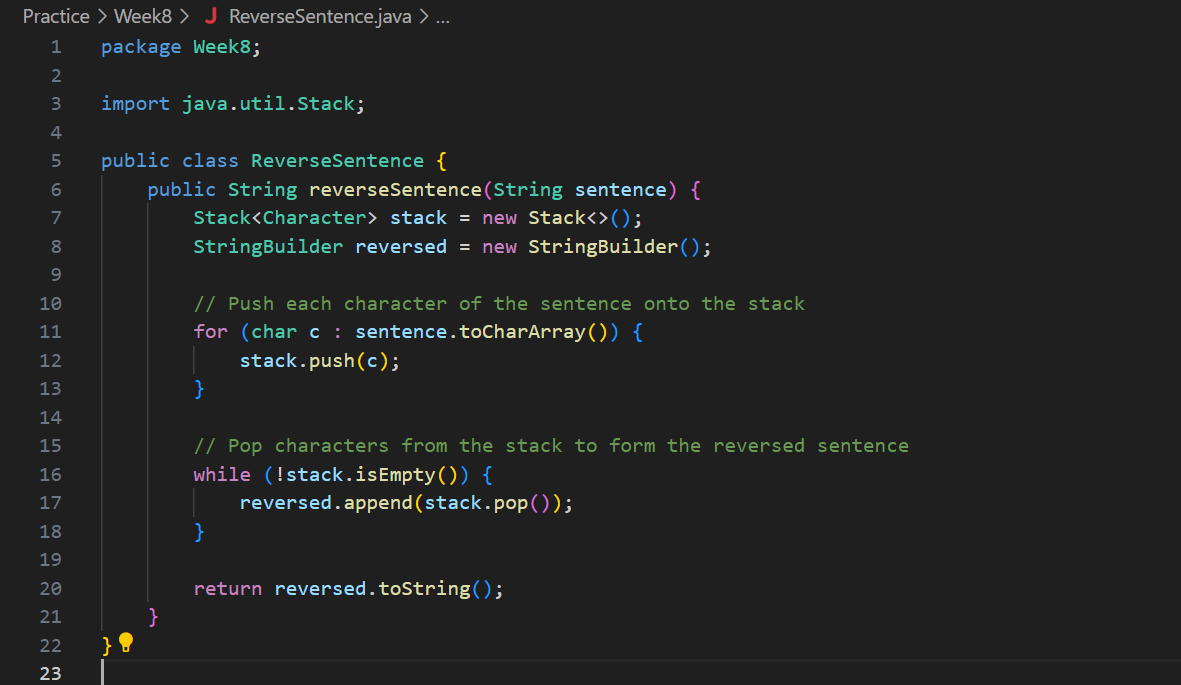
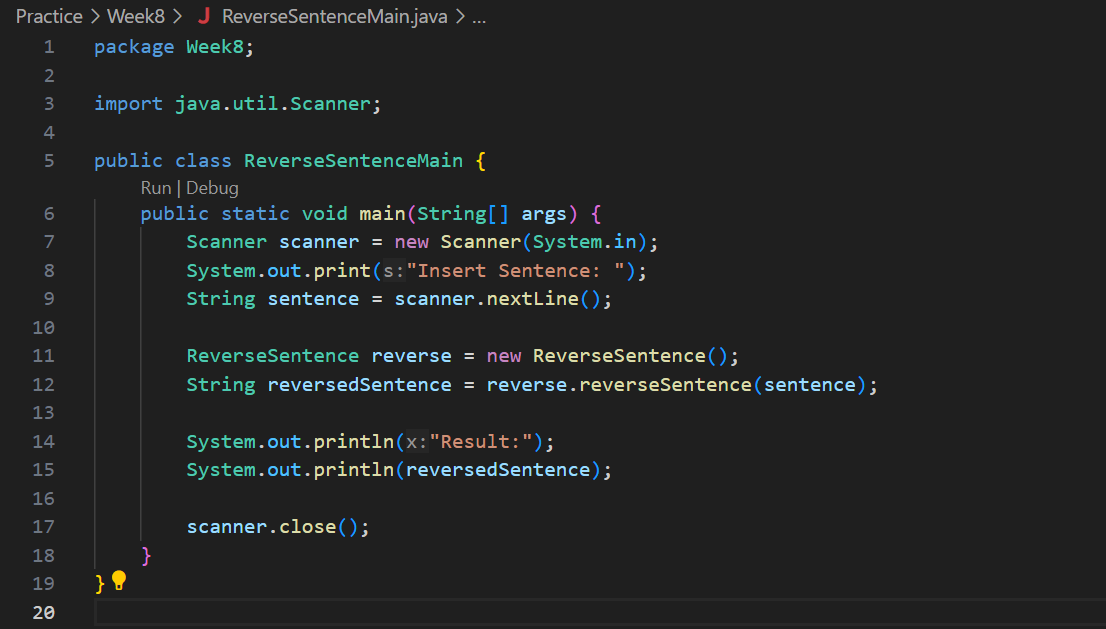


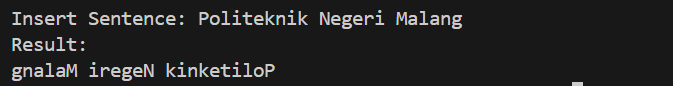
1. What are the outputs of method indexOf? Please explain each of the output!

**Assignment**

1. Create a program with Stack implementation to insert a sentence and display the reversed version of the sentence as a result!





1. Every Sunday, Dewi shops to a supermarket that is in her residential area. Everytime she finishes, she keeps the receipt of what she has bought in a wardrobe. After 2 months, She had 8 receipts. She plans to trade her 5 receipts in exchange for a voucher. Create a program using stack implementation to store Dewi’s receipt. As well as the retrieving the receipts. The information that are included in a receipt are as follows:

* Transaction ID
* Date
* Quantity of items
* Total price