

Unit Summary Not So Good Example

Note: This is only meant to be an example of unit summary content. The length is going to be different than yours because this is only one topic and you have multiple topics to cover.

Task 1:

LinkedLists:

- Classes:

```
public class Node {  
    private int data;  
    private Node next;  
}
```

```
public class LinkedList {  
    private Node front;  
}
```
- Operations
 - Contains(value) - $O(n)$
 - Get(index) - $O(n)$
 - Set(index, value) - $O(n)$
 - remove(value) - $O(n)$
- Used in Queues and Stacks

Task 2:

LinkedLists are a very common data structure. By learning more about LinkedLists, I will become a better programmer because data structures are important to know as a programmer and LinkedLists are especially common. Also a lot of interview questions ask for LinkedList problems so I will be better prepared to answer those questions too.