Assignment 5

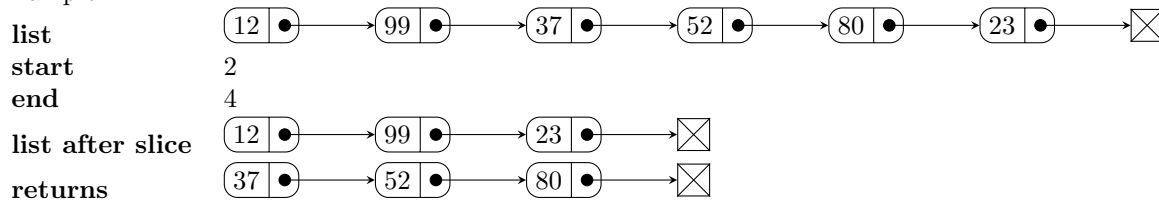## COMP 1123 - Data Structures I

Yaşar University

May 13, 2022

- Implement all linked list functions in *Sakai/Resources/week11/xDataStructures-List.pdf/page-54*.

- Implement additional linked list functions that you find useful (optional).

- Implement

```
LINKED_LIST linked_list_slice(LINKED_LIST list, int start, int end);
```

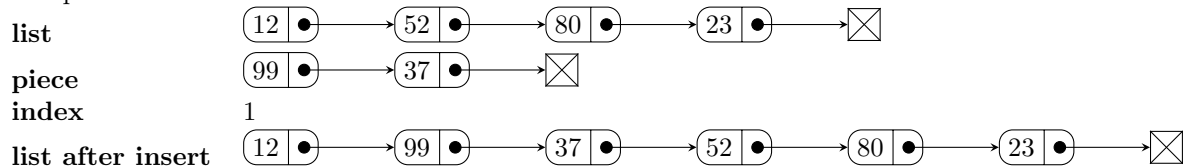which slices a piece from given linked list and returns the slice as a new linked list.
Example:

list	
start	2
end	4
list after slice	
returns	

```
void linked_list_insert_piece(LINKED_LIST list, LINKED_LIST piece, int index);
```

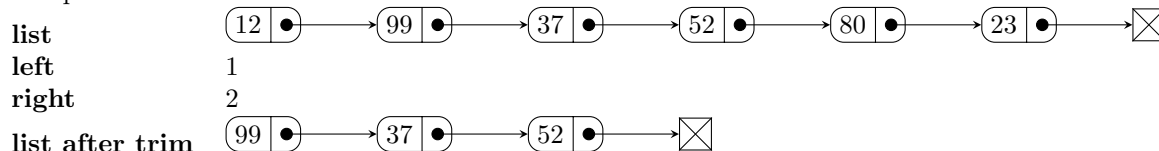which inserts the linked list *piece* to the *index* of the *list*.
Example:

list	
piece	
index	1
list after insert	

```
void linked_list_trim(LINKED_LIST list, int left, int right);
```

which trims *left* number of nodes from left and *right* number of nodes from right.
Example:

list	
left	1
right	2
list after trim	

Notes

- Any kind of cheating (over the internet, between students, etc.) is not allowed.

- Upload a single .c file.