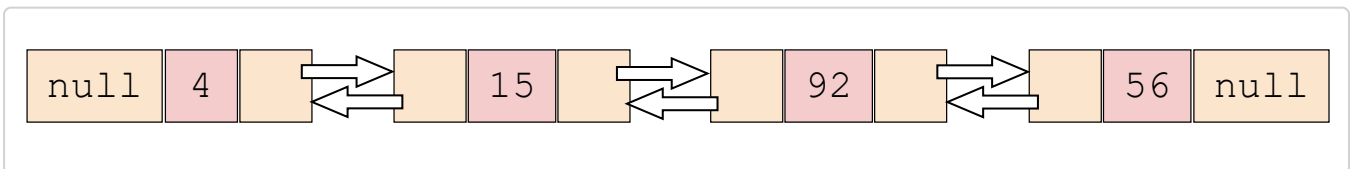# Doubly Linked List

A doubly linked list is the same as a singly linked list with the addition of previous pointers that point to the previous node.

In a doubly linked list, each node has two references: one to its previous node, and one to its next node (instead of only the next node in the singly linked list).

| null | 4 | ⇄ | 15 | ⇄ | 92 | ⇄ | 56 | null |

The above linked list would look like this:

```
{
    data: 4,
    previous: null
    next: {
        data: 15,
        previous: {
            data: 4,
            previous: null,
            next: { … }
        },
        next: {
            data: 92,
            previous: {
                data: 15,
                previous: { … },
                next: { … }
            },
            next: {
                data: 56,
                previous: {
                    data: 95,
                    previous: { … },
                    next: { … },
                }
                next: null
            }
        }
    }
}
```

In the next lesson, I will talk about the implementation of this data structure.