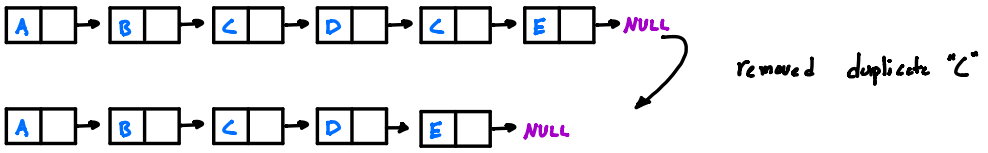
Singular Linked List- Remove Duplicates




```
def remove_duplicates(self):

    current = self.head
    previous = None

    duplicate_values = dict()

    while current:

        if current.data in duplicate_values:

            # Remove node:
            previous.next = current.next
            current = None

        else:
            # have not encountered element before
            duplicate_values[current.data] = 1
            previous = current

        current = previous.next
```

Keep track of current and previous node

Create dictionary for keeping track of Values

loop through the linked list

Check if our Value in the linked list is already in our dictionary

Change Pointer

Remove duplicate node

Add to dictionary (count of one)

Proceed to next Value