

2. Remove Linked List Elements

Code:

```
class Solution {
```

```
public:
```

```
ListNode* removeElements(ListNode* head, int val)
```

```
{  
    ListNode* dummy = new ListNode(0);
```

```
    dummy->next = head;
```

```
    ListNode* curr = dummy;
```

```
    while (curr->next != nullptr) {
```

```
        if (curr->next->val == val) {
```

```
            curr->next = curr->next->next;
```

```
        } else {
```

```
            curr = curr->next;
```

```
        }
```

```
    }
```

```
    return dummy->next;
```

```
}
```

```
};
```

Output:

Case 1

Input:

head =

[1, 2, 6, 3, 4, 5, 6]

val =

6

Output:

[1, 2, 3, 4, 5]

Expected:

[1, 2, 3, 4, 5]

Case 2

Input:

head =

[]

val =

1

Output

[]

Expected

[]

14

Case 3

Input:

head =

[7, 7, 7, 7]

val =

7

Output:

[]

Expected:

[]