

```
% remove_nth(+N, +List, -Result)
```

```
% Removes the Nth element from the List, producing the Result.
```

```
remove_nth(1, [H|T], T). % If N is 1, remove the first element (head).
```

```
remove_nth(N, [H|T], [H|Result]) :-
```

```
N > 1, % If N is greater than 1, we keep the head.
```

```
N1 is N - 1, % Decrement N by 1.
```

```
remove_nth(N1, T, Result). % Recursively call to remove the Nth element.
```