

### 279. Perfect Squares

```
class Solution {

    public int numSquares(int n) {
        int memo[] = new int[n+1];
        return rec(n, memo);
    }

    int rec(int n, int memo[]) {
        if (n < 0) return Integer.MAX_VALUE;
        if (n == 0) return 0;
        if(memo[n] > 0) return memo[n];
        int min = n;
        for (int i=1;i*i<=n;i++) {
            min = Math.min(rec(n-(i*i), memo), min);
        }
        memo[n] = min+1;
        return min+1;
    }
}
```

### 237. delete node in a linked list

```
/**
 * Definition for singly-linked list.
 * public class ListNode {
 *     int val;
 *     ListNode next;
 *     ListNode(int x) { val = x; }
 * }
 */
```

```
public class Solution {  
    public void deleteNode(ListNode node) {  
        if (node == null) return;  
        node.val = node.next.val;  
        node.next = node.next.next;  
    }  
}
```