



Language  
JavaScript

Q3 Credit Card Validation  
Medium. No Time Limit

Code Tests (75%) Playback

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```
1 process.stdin.resume();
2 process.stdin.setEncoding('utf8');
3
4
5 function luhnAlg(card) {
6     var card = card.split("");
7     card.reverse();
8
9     var oddSum = 0;
10    var evenSum = 0;
11    var totalSum = 0;
12    var evenDigit = 0;
13    var current = 0;
14    var currentPos = 0;
15    var sumEvenDigit = 0;
16
17    for( i = 0; i < card.length; i ++ ) {
18
19        current = card[i];
20        currentPos = i + 1;
21        // Even
22        if ((i + 1) % 2 == 0) {
23            //console.log('Position ' + i + ' = even Value = ' + card[i]);
24            evenDigit = parseInt(card[i]) * 2;
25            if (evenDigit > 9) {
26                var ev = evenDigit.toString().split("");
27
28                if (ev[1] == '0') {
29                    sumEvenDigit = parseInt(ev[0]);
30                } else {
31                    sumEvenDigit = parseInt(ev[0]) + parseInt(ev[1]);
32                }
33            } else {
34                sumEvenDigit = parseInt(evenDigit);
35            }
36            evenSum = parseInt(evenSum) + parseInt(sumEvenDigit);
37        } else {
38            oddSum = parseInt(oddSum) + parseInt(card[i]);
39        }
40    }
41
42    totalSum = oddSum + evenSum;
```

Response Time: 82:32

Code Similarity: Need More Data ?