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// JavaScript file for question 2
function countTimes(array, item) {
        n = array.length;
        var count = 0;
        for (var i = 0; i < n; i++) {
               if (array[i] === item) {
        count = count + 1; //MISSING;
        //count++;
        return count;
}
function newCountTimes(array, item) {
        var I = 0;
        var r = array.length - 1;
        var m;
        var count = 0;
        var i;
        while (l \ll r) {
                m = Math.ceil(I + ((r - I)/2));
     //console.log(m + "mid");
               if (array[m] === item) {
                        count = 0;
                        i = 0;
                        while (array[m + i] === item) \{
                                count++;
                                i++;
                        return count;
               } else if (array[m] > item) {
                        r = m - 1;
        //console.log(r + "right");
               } else {
                        l = m + 1;
        //console.log(l + "left");
        return count;
}
// All the commented out things are things I was using to test
//var array = [0,1,3,3,4,5,5,6,7];
//console.log(newCountTimes(array,5));
//var I = 5;
//var r = 8;
//var m = Math.floor((l + r)/2);
//var m = Math . ceil (I + ((r - I)/2));
//console.log(m);
```