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```
1) Analyze an array's values and return the average of its values.
    function printAverage(x){
 1
 2
        var sum = 0;
 3
        // your code here
        for(var i=0;i<x.length;i++){</pre>
 4
 5
          sum += x[i];
 6
        }
        var ave = sum / x.length;
 7
 8
        return ave
 9
     }
10
    var y = printAverage([1,2,3]);
     console.log(y); // should log 2
11
12
13
    y = printAverage([2,5,8]);
    console.log(y); // should log 5
14
     2) Create an array with all the odd integers between 1 and 255 (inclusive)
 1
    function returnOddArray(){
 2
        // your code here
 3
        var oddArr = [];
        for(var i=1;i<=255;i+=2){
 4
 5
          oddArr.push(i);
 6
 7
        return oddArr;
8
     }
 9
    var y = returnOddArray();
10
    console.log(y); // should log [1,3,5,...,253,255]
3) Square each value in a given array, returning that same array with changed values.
     function squareValue(x){
 1
 2
        // your code here
 3
        for(var i=0;i<x.length;i++){</pre>
 4
          x[i] *= x[i];
 5
        }
 6
        return x;
 7
     }
 8
     var y = squareValue([1,2,3]);
     console.log(y); // should log [1,4,9]
 9
10
11
     var y = squareValue([2,5,8]);
12
     console.log(y); // should log[4,25,64]
```