

Heads up!

This runs counter to how we calculate Big O when engaging with a single data input, because we always know that the single for loop will be a non-dominate term compared to the nested for loop.

In this example, the Big O notation is $O(N^2)$ - we have dropped the non-dominant loop through arrA.

```
3  function logTwoArrays(arrA, arrB){
4      for(let i=0; i<arrA.length; i++){
5          console.log(arrA[i])
6          for(let j=0; j<arrA.length; j++){
7              console.log(arrA[j])
8          }
9      }
10     for(let j=0; j<arrA.length; j++){
11         console.log(arrA[j])
12     }
13 }
14
```



big o memes



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Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.