

```
1 function logPairs(arrA, arrB) {  
2     for (let i = 0; i < arrA.length; i++) {  
3         for (let j = 0; j < arrB.length; j++) {  
4             for (let k = 0; k < 100000; k++) {  
5                 console.log("i: ", arrA[i], "j: ", arrB[j])  
6             }  
7         }  
8     }  
9 }
```

$O(arrA * arrB)$

Quadratic Complexity. The inner loop has $O(arrB)$ iterations and is called `arrA` times. The inner loop is called a constant number of times (100,000) making the unsimplified Big O Notation $O(100,000arrA * arrB)$. Remember we drop constants, so the final notation is simplified to $O(arrA * arrB)$