```javascript
function logPairs(arr) {
  for (let i = 0; i < arr.length; i++) {
    for (let j = 0; j < arr.length; j++) {
      console.log("i: ", arr[i], "j: ", arr[j]);
    }
  }
}
```

O(N²)

Quadratic Complexity. The inner loop has O(N) iterations and is called N times. This makes the runtime O(N*N) or more simply O(N²)