

```
1  function sumAndProductOfArray(arr) {  
2      let sum = 0  
3      let product = 1  
4      for (let i = 0; i < arr.length; i++) {  
5          sum += arr[i]  
6      }  
7      arr.forEach(element => {  
8          product *= element  
9      })  
10     console.log(`Sum: ${sum}`)  
11     console.log(`Product: ${product}`)  
12 }  
13
```

$O(N)$

Linear Complexity. The function has a complexity of $2N$, but remember that we drop constants, making it just $O(N)$