

Constructing Product Array Except Self

```
function productExceptSelf(nums){
  const n = nums.length;
  const left = new Array(n).fill(1);
  const right = new Array(n).fill(1);
  const prod = new Array(n).fill(1);

  for (let i = 1; i < n; i++) {
    left[i] = nums[i - 1] * left[i - 1];
  }

  for (let j = n - 2; j >= 0; j--) {
    right[j] = nums[j + 1] * right[j + 1];
  }

  for (let i = 0; i < n; i++) {
    prod[i] = left[i] * right[i];
  }

  return prod;
}

console.log(productExceptSelf([10, 3, 5, 6, 2]))
```