Write a custom javascript function to flatten the nested array.
Note: Don't use inbuilt javascript flat function

Example Input & Output :
 [1, [2], [3, [4]]] -> [1, 2, 3, 4]
[1, [1], [[1]]] -> [1,1,1]

```
const flatten = (inputArray) => {
        Let flattenedArray = [];
        / ***Write your logic here*** /
        return flattenedArray;
}
```