

JavaScript - 2

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Assignment

To create a custom reduce function similar to inbuilt reduce function using Java Script.

ANSWER

User Defined Function

```
const intArray = [1, 2, 3, 4, 5, 6];

function CustomReduce (arr, fun, initialValue)
{
    var acc=0;
    for(var i = initialValue; i < arr.length; i++)
    {
        result=fun(acc,arr[i]);
        acc+=arr[i];
    }
    return result;
}

var answer = CustomReduce(intArray,(acc,val)=>{
    console.log(acc); 0, 1, 3, 6, 10, 15
    console.log(val); 1, 2, 3, 4, 5, 6
    return acc+val},0);

console.log(answer); 21
```

In built Function

```
const intArray = [1, 2, 3, 4, 5, 6];

var checkans = intArray.reduce((acc1,val1) => {
    console.log(acc1); 0, 1, 3, 6, 10, 15
    console.log(val1); 1, 2, 3, 4, 5, 6
    return acc1 + val1;
},0);

console.log(checkans); 21
```
