1.Map Vs ForEach

const arr =[2,4,5,7,8]

const mapRes=arr.map((ar) =>{

return ar+2;

}).filter()

Const forEachRes= arr.forEach((ar)=>{ arr.forEach((ar,i)=>{

return ar+4; return arr[i] = ar+3;

});

Console.log(mapRes);

Console.log(forEachRes);

2. null Vs undefined

Console.log(null == undefined) # true

Console.log(null === undefined) # false

3. Event Delegation : to add evnts in parent instead of adding to each child individually

Add some list of items in html

<ul id=”products>

<li id=”shoes”>shoes</li>

<li id=”socks”>socks<li>

</ul>

In js file output sort of(target::tagname=li::textcontent

Document.querySelector(#products).addEventListener(‘click’,(event)=>{

If(event.target.tagname === ‘LI’){

Window.location.href += “#” + event.target.id;

}

}

4. Flatten the array

Let arr=[

[1,2],

[3,4],

[4,5,[6,7],9]];

Let flattened = [].concat(…arr);

Console.log(arr.flat(2)); # arr.flat(depth) ie level

Function customFlat(arr, depth =1){

Let result=[];

Arr.forEach(ar =>{

If(Array.isArray(ar)&& depth >0){

Result.push(…customflat(ar, depth-1));

}

Else result.push(Ar);

});

Return result;

}

Console.log(customFlat(arr));