|  |  |
| --- | --- |
| TOPIC/TITLE  Javascript ES 6 map filterr reduce | |
| Keywords/Questions  MAP  Filter  Reduce  Find  Findindex  Substring() | Notes : |
|  |
| Allow us to loop threw the array by doing something with each item. |
| function double (x){  return x\*2  }  const newNumber = numbers.map(double);  console.log(newNumber)  the same with forEach  const newNumber = [];  function double (x){  newNumber.push(x\*2)  }  numbers.forEach(double)  simplify map function  const newNumber = numbers.map(function (x){  return x\*2  }); |
| Filter - Create a new array by keeping the items that return true.  const filt = numbers.filter(x => x<=5)  console.log(filt) |
|  |
|  |
|  |
|  |
|  |
| var newNumber = 0  numbers.forEach(function(currentNumber){  newNumber += currentNumber  })  console.log(newNumber) |
| const red = numbers.reduce((a,b) => a+b  ) |
| //Reduce - Accumulate a value by doing something to each item in an array. |
| //Find - find the first item that matches from an array.  const number = numbers.find(function(x){  return x>10  })  console.log(number) |
|  |
| //FindIndex - find the index of the first item that matches. |
|  |
| const number = numbers.findIndex(function(x){  return x>10  })  console.log(number) |
|  |
| import emojipedia from "./emojipedia";  const mean = emojipedia.map((x) => x.meaning.substring(0, 100));  console.log(mean); |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  | |