

## chaining

### array methods

```

- const products = [
  { name: 'gold star', price: 30},
  { name: 'green shell', price: 10},
  { name: 'red shell', price: 40},
  { name: 'banana skin', price: 5},
  { name: 'mushroom', price: 50}
];

const filtered = products.filter(product => product.price > 20);
const promos = filtered.map(product => {
  return `the ${product.name} is ${product.price / 2}
  pounds`;
});

console.log(promos);

```

→ (3) ["the gold star is 15 pounds", "the red shell is 20 pounds", "the mushroom is 25 pounds"]



Here we are first filtering and then mapping to array of strings.

(objects)

Here gold star, red shell and mushroom will be filter out and then on this we are doing mapping.

- instead of this above steps, we can make use of chaining array method which will give same result.

- `const products = [`

`{ name: 'gold star', price: 30 },`

`{ name: 'green shell', price: 10 },`

`{ name: 'red shell', price: 40 },`

`{ name: 'banana skin', price: 5 },`

`{ name: 'mushroom', price: 50 }]`

`;`

`const promos = products`

`.filter(product => product.price > 20)`

`.map(product => `the ${product.name} is  
${product.price / 2} pounds`);`

`console.log(promos);`



(3) `["the gold star is 15 pounds", "the red shell  
is 20 pounds", "the mushroom is 25 pounds"]`



same as previous page only we have  
used here chaining arrow method.

Here we have indented the methods  
so that they are readable.