nums

(5) [1, 2, 3, 4, 5]

nums.map(e => e\*\*2)

lets

(6) ["a", "b", "c", "d", "e", "f"]

lets

(6) ["a", "b", "c", "d", "e", "f"]

lets.map(ele => console.log(ele+';'))

VM4173:1 a;

VM4173:1 b;

VM4173:1 c;

VM4173:1 d;

VM4173:1 e;

VM4173:1 f;

(6) [undefined, undefined, undefined, undefined, undefined, undefined]

2. filter

nums.filter(ele => ele %2 == 0 )

1. *(2) [2, 4]*

lets.filter(ele => ele == 'a'? console.log(ele): console.log('it is not a'))

VM4282:1 a

**5**

VM4282:1 it is not a

1. *[]*

nums.reduce((x, y) => x + y)

15

nums.reduce((x, y) => x + y, {})

"[object Object]12345"

pets = ['dog', 'cat', 'dog', 'cat', 'dog']

*(5) ["dog", "cat", "dog", "cat", "dog"]*

pets.reduce((a, b) => { if (!a[b]){ a[b] = 1; } else { a[b]++; } return a; }, {})

1. *{dog: 3, cat: 2}*