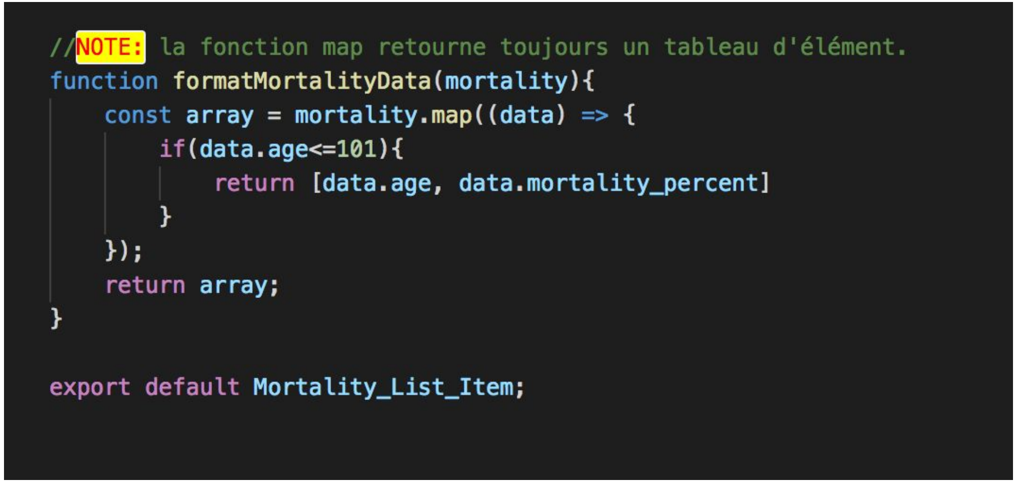
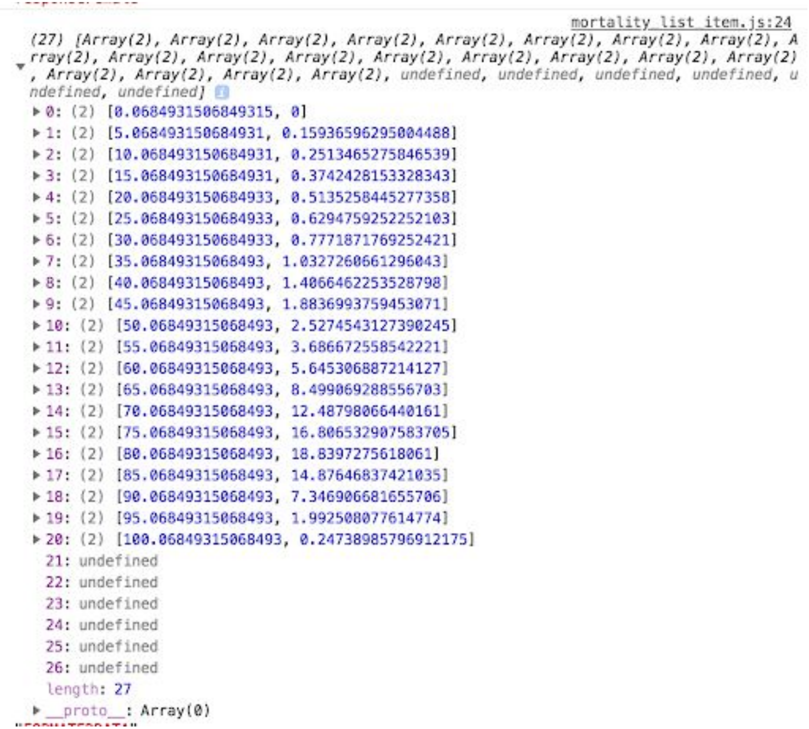
map nous renvois toujours un array, dans le cas présent on retourne un Array de Array. Sauf que l'on à des undefined qui nous sont quand même retourner à la fin de notre tableau.



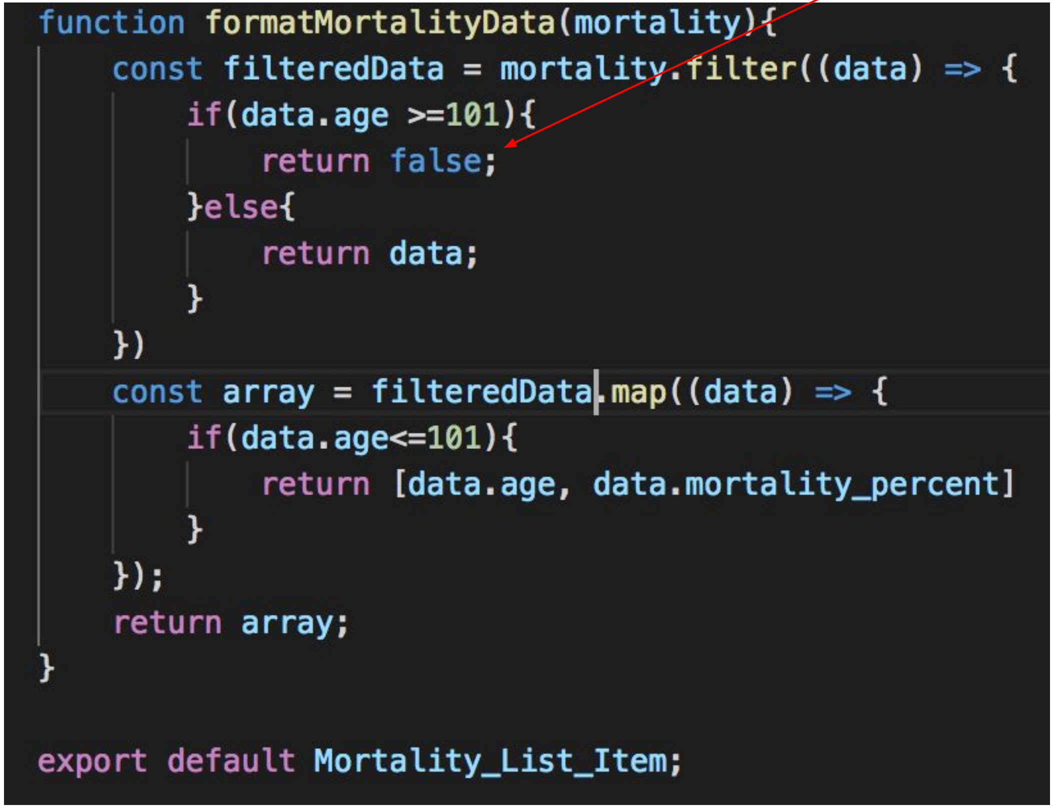
```
//NOTE: la fonction map retourne toujours un tableau d'élément.
function formatMortalityData(mortality){
    const array = mortality.map((data) => {
        if(data.age<=101){
            return [data.age, data.mortality_percent]
        }
    });
    return array;
}

export default Mortality_List_Item;
```



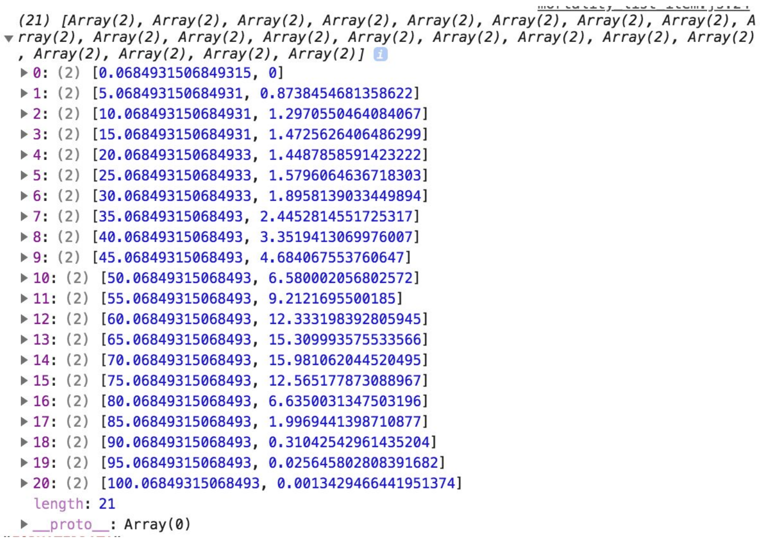
```
                                                          mortality list item.js:24
▼ (27) [Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), A
  rray(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2)
  , Array(2), Array(2), Array(2), Array(2), undefined, undefined, undefined, undefined, u
  ndefined, undefined]
  ▶ 0: (2) [0.0684931506849315, 0]
  ▶ 1: (2) [5.068493150684931, 0.1593659629500448]
  ▶ 2: (2) [10.068493150684931, 0.2513465275846539]
  ▶ 3: (2) [15.068493150684931, 0.3742428153328343]
  ▶ 4: (2) [20.068493150684933, 0.5135258445277358]
  ▶ 5: (2) [25.068493150684933, 0.6294759252252103]
  ▶ 6: (2) [30.068493150684933, 0.7771871769252421]
  ▶ 7: (2) [35.06849315068493, 1.0327260661296043]
  ▶ 8: (2) [40.06849315068493, 1.4066462253528798]
  ▶ 9: (2) [45.06849315068493, 1.8836993759453071]
  ▶ 10: (2) [50.06849315068493, 2.5274543127390245]
  ▶ 11: (2) [55.06849315068493, 3.686672558542221]
  ▶ 12: (2) [60.06849315068493, 5.645306887214127]
  ▶ 13: (2) [65.06849315068493, 8.499069288556703]
  ▶ 14: (2) [70.06849315068493, 12.48798066440161]
  ▶ 15: (2) [75.06849315068493, 16.806532907583705]
  ▶ 16: (2) [80.06849315068493, 18.8397275618061]
  ▶ 17: (2) [85.06849315068493, 14.87646837421035]
  ▶ 18: (2) [90.06849315068493, 7.346906681655706]
  ▶ 19: (2) [95.06849315068493, 1.992508077614774]
  ▶ 20: (2) [100.06849315068493, 0.24738985796912175]
    21: undefined
    22: undefined
    23: undefined
    24: undefined
    25: undefined
    26: undefined
    length: 27
  ▶ __proto__: Array(0)
```

La fonction filter() nous retourne également un array sauf quand retournant false il nous rajoute pas l’élément dans le tableau en undefined.



```
function formatMortalityData(mortality){
    const filteredData = mortality.filter((data) => {
        if(data.age >=101){
            return false;
        }else{
            return data;
        }
    })
    const array = filteredData.map((data) => {
        if(data.age<=101){
            return [data.age, data.mortality_percent]
        }
    });
    return array;
}

export default Mortality_List_Item;
```



```
  (21) [Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), A
▼ rray(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2), Array(2)
  , Array(2), Array(2), Array(2), Array(2)]
   ▶ 0: (2) [0.0684931506849315, 0]
   ▶ 1: (2) [5.068493150684931, 0.8738454681358622]
   ▶ 2: (2) [10.068493150684931, 1.2970550464084067]
   ▶ 3: (2) [15.068493150684931, 1.4725626406486299]
   ▶ 4: (2) [20.068493150684933, 1.4487858591423222]
   ▶ 5: (2) [25.068493150684933, 1.5796064636718303]
   ▶ 6: (2) [30.068493150684933, 1.8958139033449894]
   ▶ 7: (2) [35.06849315068493, 2.4452814551725317]
   ▶ 8: (2) [40.06849315068493, 3.3519413069976007]
   ▶ 9: (2) [45.06849315068493, 4.684067553760647]
   ▶ 10: (2) [50.06849315068493, 6.580002056802572]
   ▶ 11: (2) [55.06849315068493, 9.2121695500185]
   ▶ 12: (2) [60.06849315068493, 12.333198392805945]
   ▶ 13: (2) [65.06849315068493, 15.309993575533566]
   ▶ 14: (2) [70.06849315068493, 15.981062044520495]
   ▶ 15: (2) [75.06849315068493, 12.565177873088967]
   ▶ 16: (2) [80.06849315068493, 6.6350031347503196]
   ▶ 17: (2) [85.06849315068493, 1.9969441398710877]
   ▶ 18: (2) [90.06849315068493, 0.31042542961435204]
   ▶ 19: (2) [95.06849315068493, 0.025645802808391682]
   ▶ 20: (2) [100.06849315068493, 0.0013429466441951374]
     length: 21
   ▶ __proto__: Array(0)
```