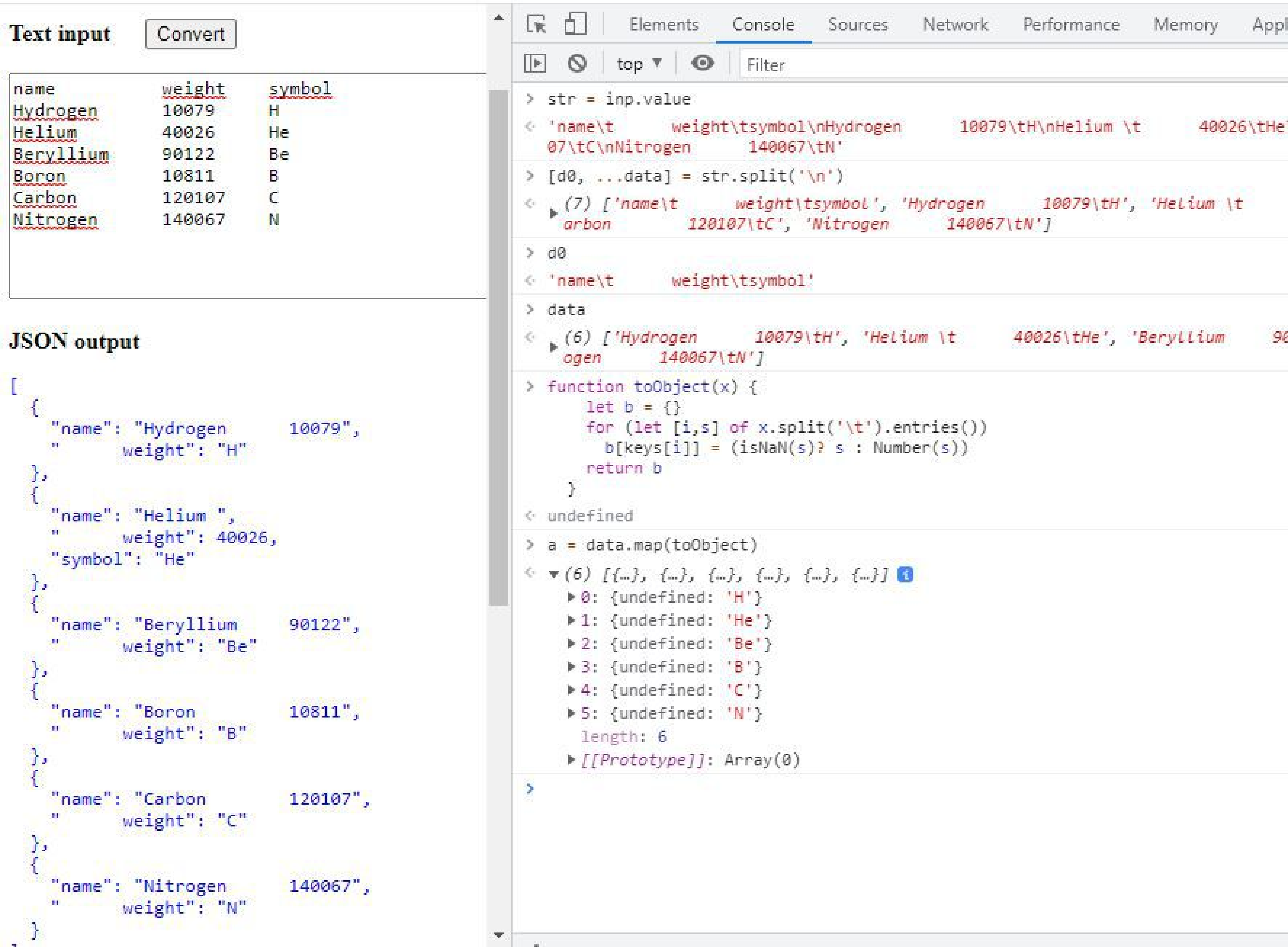


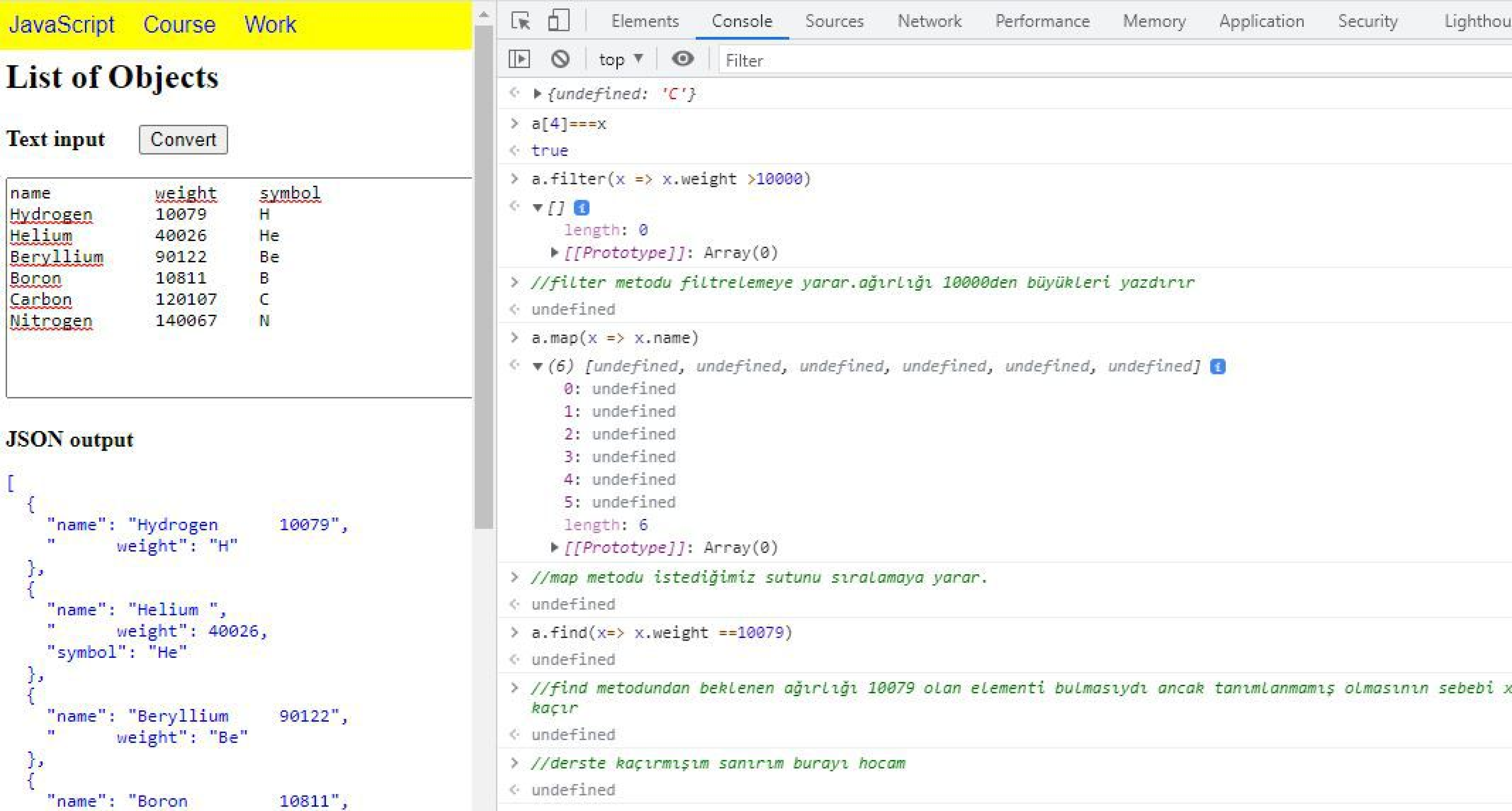
Text input Convert

```
name            weight      symbol
Hydrogen        10079       H
Helium          40026       He
Beryllium       90122       Be
Boron           10811       B
Carbon          120107      C
Nitrogen        140067      N
```

JSON output

```
[
  {
    "name": "Hydrogen      10079",
    "       weight": "H"
  },
  {
    "name": "Helium ",
    "       weight": 40026,
    "symbol": "He"
  },
  {
    "name": "Beryllium     90122",
    "       weight": "Be"
  },
  {
    "name": "Boron         10811",
    "       weight": "B"
  },
  {
    "name": "Carbon        120107",
    "       weight": "C"
  },
  {
    "name": "Nitrogen      140067",
    "       weight": "N"
  }
```

```
> str = inp.value
< 'name\t      weight\tsymbol\nHydrogen      10079\tH\nHelium \t      40026\tHe
  07\tC\nNitrogen      140067\tN'
> [d0, ...data] = str.split('\n')
< ▶(7) ['name\t      weight\tsymbol', 'Hydrogen      10079\tH', 'Helium \t
  arbon        120107\tC', 'Nitrogen      140067\tN']
> d0
< 'name\t      weight\tsymbol'
> data
< ▶(6) ['Hydrogen      10079\tH', 'Helium \t      40026\tHe', 'Beryllium     90
  ogen      140067\tN']
> function toObject(x) {
      let b = {}
      for (let [i,s] of x.split('\t').entries())
        b[keys[i]] = (isNaN(s)? s : Number(s))
      return b
    }
< undefined
> a = data.map(toObject)
< ▼(6) [{…}, {…}, {…}, {…}, {…}, {…}] ℹ
    ▶0: {undefined: 'H'}
    ▶1: {undefined: 'He'}
    ▶2: {undefined: 'Be'}
    ▶3: {undefined: 'B'}
    ▶4: {undefined: 'C'}
    ▶5: {undefined: 'N'}
     length: 6
    ▶[[Prototype]]: Array(0)
>
```



List of Objects

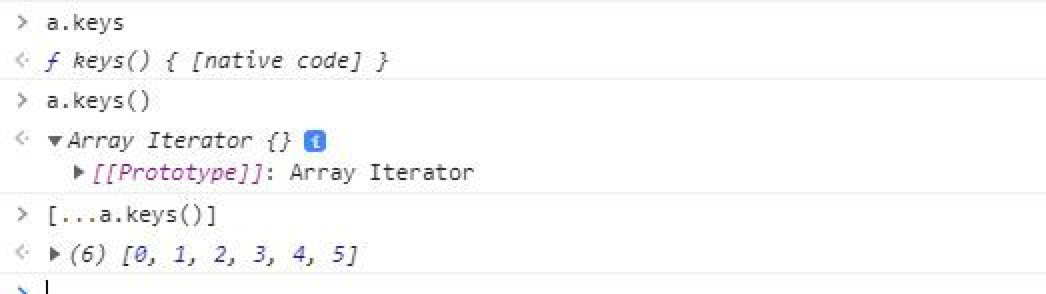
Text input Convert

```
name           weight     symbol
Hydrogen       10079      H
Helium         40026      He
Beryllium      90122      Be
Boron          10811      B
Carbon         120107     C
Nitrogen       140067     N
```

JSON output

```
[
  {
    "name": "Hydrogen      10079",
    "       weight": "H"
  },
  {
    "name": "Helium ",
    "       weight": 40026,
    "symbol": "He"
  },
  {
    "name": "Beryllium     90122",
    "       weight": "Be"
  },
  {
    "name": "Boron         10811",
```

```
< ▸ {undefined: 'C'}
> a[4]===x
< true
> a.filter(x => x.weight >10000)
< ▾ []
      length: 0
    ▸ [[Prototype]]: Array(0)
> //filter metodu filtrelemeye yarar.ağırlığı 10000den büyükleri yazdırır
< undefined
> a.map(x => x.name)
< ▾ (6) [undefined, undefined, undefined, undefined, undefined, undefined]
      0: undefined
      1: undefined
      2: undefined
      3: undefined
      4: undefined
      5: undefined
      length: 6
    ▸ [[Prototype]]: Array(0)
> //map metodu istediğimiz sutunu sıralamaya yarar.
< undefined
> a.find(x=> x.weight ==10079)
< undefined
> //find metodundan beklenen ağırlığı 10079 olan elementi bulmasıydı ancak tanımlanmamış olmasının sebebi x
  kaçır
< undefined
> //derste kaçırmışım sanırım burayı hocam
< undefined
```



```
> a.keys
< ƒ keys() { [native code] }
> a.keys()
< ▼Array Iterator {}
    ▶[[Prototype]]: Array Iterator
> [...a.keys()]
< ▶(6) [0, 1, 2, 3, 4, 5]
>
```