

List of Objects

Text input

Convert

| mountain | height | place |
|--------------|--------|---------------|
| Kilimanjaro | 5895 | Tanzania |
| Everest | 8848 | Nepal |
| Mount Fuji | 3776 | Japan |
| Vaalserberg | 323 | Netherlands |
| Denali | 6168 | United States |
| Popocatepetl | 5465 | Mexico |
| Mont Blanc | 4808 | Italy/France |

JSON output

Sample code

```
function tolist(str) {
  function toObject(x) {
    let b = {}
    for (let [i,s] of x.split('\t').entries())
      b[keys[i]] = (isNaN(s)? s : Number(s))
    return b
  }
  if (str) inp.value = str
  else str = inp.value
  let [d0, ...data] = str.split('\n')
  let keys = d0.split('\t')
  console.log("Keys:", keys)
  let a = data.map(toObject)
  out.innerHTML = JSON.stringify(a, '', 2)
  console.table(a)
  return a
}
```

Ref: [Rest Parameters](#)

```

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top Filter
> str = inp.value
< 'mountain\theight\tplace\nKilimanjaro\t5895\tTanzania\nEverest \t8848\tNepal\nMount Fuji\t3776\tJapan\nVaalserberg\t323\tNetherlands\nDenali\t6168\tUnited States\nPopocatepetl\t5465\tMexico\nMont Blanc\t4808\tItaly/France'
> [d0, ...data] = str.split('\n')
< (8) ['mountain\theight\tplace', 'Kilimanjaro\t5895\tTanzania', 'Everest \t8848\tNepal', 'Mount Fuji\t3776\tJapan', 'Vaalserberg\t323\tNetherlands', 'Denali\t6168\tUnited States', 'Popocatepetl\t5465\tMexico', 'Mont Blanc\t4808\tItaly/France']
> keys = d0.split('\t')
< (3) ['mountain', 'height', 'place']
> 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)
< (7) [{...}, {...}, {...}, {...}, {...}, {...}, {...}]
> justNames = a.map(x => x.mountain) //Sadece isimlerin bulunduğu dizi
< (7) ['Kilimanjaro', 'Everest ', 'Mount Fuji', 'Vaalserberg', 'Denali ', 'Popocatepetl', 'Mont Blanc']
> a.filter(x => x.height<5000) // yüksekliği 5000'den az olan dağlar
< (3) [{...}, {...}, {...}]
  0: {mountain: 'Mount Fuji', height: 3776, place: 'Japan'}
  1: {mountain: 'Vaalserberg', height: 323, place: 'Netherlands'}
  2: {mountain: 'Mont Blanc', height: 4808, place: 'Italy/France'}
  length: 3
  [[Prototype]]: Array(0)
> justNames.indexOf('Vaalserberg')
< 3
> yukseklikler = a.map(x => x.height)
< (7) [5895, 8848, 3776, 323, 6168, 5465, 4808]
> yukseklikler.sort()
< (7) [323, 3776, 4808, 5465, 5895, 6168, 8848]
>

```