```
▶ (3) ['moviename', 'type', 'year']
```

ObjectList.html:53

(inde…	moviename	type	year
0	'scarface'	'drama'	1983
1	'exorcist'	'horror'	1976
2	'the shining'	'horror'	1982
3	'the akira'	'anime'	1982
4	'apocalypse '	'war'	1984
5	0		

```
▶ Array(6)

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) movs.value = str
  else str = movs.value
  let [d0, ...data] = str.split('\n')
  let keys = d0.split('\t')
  console.log("Keys:", keys)
  let a = data.map(toObject)
  out.innerText = JSON.stringify(a, ''
,2)
  console.table(a)
  return a
}
undefined
// tablonun ismini değiştirdim
undefined
|
```

```
> str=movs.value
< 'moviename\ttype\tyear\nscarface\tdrama\t19
  83\nexorcist\thorror\t1976\nthe shining\tho
  rror\t1982\nthe akira\tanime\t1982\napocaly
  pse   \twar\t1984'
> [d0, ...data] = str.split('\n')
< ▶ (6) ['moviename\ttype\tyear', 'scarface\t
    drama\t1983', 'exorcist\thorror\t1976',
    'the shining\thorror\t1982', 'the akira\t
    anime\t1982', 'apocalypse   \twar\t1984']
> keys = d0.split('\t')
< ▶ (3) ['moviename', 'type', 'year']
> a = data.map(toObject)
⊗ ▶ Uncaught ReferenceError:          VM4251:1
    toObject is not defined
        at <anonymous>:1:14
>   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)
< ▼ (5) [{…}, {…}, {…}, {…}, {…}] ⓘ
    ▶ 0: {moviename: 'scarface', type: 'dram…
    ▶ 1: {moviename: 'exorcist', type: 'horr…
    ▶ 2: {moviename: 'the shining', type: 'h…
    ▶ 3: {moviename: 'the akira', type: 'ani…
    ▶ 4: {moviename: 'apocalypse   ', type: …
      length: 5
    ▶ [[Prototype]]: Array(0)
```

```
> a.find(x=>x.year==1982)
< ▼ {moviename: 'the shining', type: 'horro
    r', year: 1982} ⓘ
      moviename: "the shining"
      type: "horror"
      year: 1982
    ▶ [[Prototype]]: Object
> a.filter(x=>x.year>1980)
< ▼ (4) [{…}, {…}, {…}, {…}] ⓘ
    ▶ 0: {moviename: 'scarface', type: 'dram…
    ▶ 1: {moviename: 'the shining', type: 'h…
    ▶ 2: {moviename: 'the akira', type: 'ani…
    ▶ 3: {moviename: 'apocalypse   ', type: …
      length: 4
    ▶ [[Prototype]]: Array(0)
> a.map(x=>x.year)
< ▶ (5) [1983, 1976, 1982, 1982, 1984]
> z.orEach(x=>console.log(x.moviename,x.type)
  )
⊗ ▶ Uncaught ReferenceError: z is     VM4571:1
    not defined
        at <anonymous>:1:1
> a.forEach(x=>console.log(x.moviename,x.type
  ))
```

scarface drama	VM4594:1
exorcist horror	VM4594:1
the shining horror	VM4594:1
the akira anime	VM4594:1
apocalypse war	VM4594:1

```
< undefined
> |
```