

The screenshot shows the Java Swing IDE interface. The top bar has three buttons: a back arrow, 'Objects', and 'M Properties'. The 'Objects' window on the left lists menu items: 'Menu Menu', 'Menu Chap4', 'Menu Chap6', 'Menu Quiz', '[Entry: 3 events,Entry: 5 ev...', 'Object', and 'Object' (highlighted in blue). The 'Properties' window on the right shows a list of food items with their counts: 'brussel sprouts: 4', 'ice cream: 9', 'computer: 10', 'potatoes: 10', 'candy: 6', 'dentist: 2', 'running: 11', 'pizza: 10', 'work: 60', 'beer: 4', and 'cauliflower: 9'. The 'Methods' window at the bottom shows a list of methods: 'Object' (highlighted in green) and 'toString'.

Dosyaları Seç Dosya seçilmedi

```

> x=JOURNAL[49]
< ▶ Entry {events: Array(4), squirrel: true}
> x===JOURNAL[49]
< true
> w=JOURNAL.filter(x => x.events.includes("weekend"))
< ▶ (30) [Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entr
Entry, Entry, Entry]
> w.filter(x=>x.events.includes("work"))
< ▶ []
> w=JOURNAL.filter(x => x.events.includes("work"))
< ▶ (60) [Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entr
Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entry, Entry, Ent
Entry, Entry, Entry, Entry, Entry]
> JOURNAL.filter(x=> x.events.includes("work")).filter(x=> x.events.includes("work"))
< ▶ []
> cnt={}
< ▶ {}
> for(x of JOURNAL) for (e of events) cnt[e]=1; cnt
< ▶ Uncaught ReferenceError: events is not defined
at <anonymous>:1:29
> for(x of JOURNAL) for (e of x.events) cnt[e]=1; cnt
< ▶ {carrot: 1, exercise: 1, weekend: 1, bread: 1, pudding: 1, ...}
> for(x of JOURNAL) for (e of x.events) {n=cnt[e] || 0; cnt[e]=n+1}; cnt
< ▶ {carrot: 17, exercise: 11, weekend: 31, bread: 9, pudding: 7, ...}
cnt ⇒ [object Object]
> cnt={}
< ▶ {}
> for(x of JOURNAL) for (e of x.events) {n=cnt[e] || 0; cnt[e]=n+1}; cnt
< ▶ {carrot: 16, exercise: 10, weekend: 30, bread: 8, pudding: 6, ...}
> cnt.pizza
< 10
cnt ⇒ [object Object]
> cnt['pizza']
< 10
>

```

Objects

X

M

Properties

Menu Menu

Menu Chap4

Menu Chap6

Menu Quiz

[Entry: 3 events,Entry: 5 ev...

Object

Object

Map

[carrot,16,exercise,10,weeke...

Map Iterator

Menu

a: [0,11,22,abc]

c: Object

d: Tue Oct 19 2021 09:58:22 ...

s: "Small is beautiful"

window: Window

Object

Methods ☒ sort

Menu

allKeysIn

allValuesOf

deepEqual

toString

Object

m

\_.deepEqual(cnt,z) ⇒ true

Elements

Console

Sources

Network

Performance

Memory

App

top

-url:chrome-extension://odecbmmehabeloobkgokmfgldaegiflc/js/prov

> cnt

< ▶ {carrot: 16, exercise: 10, weekend: 30, bread: 8, pudding: 6, ...}

> m=new Map()

< ▶ Map(0) {size: 0}

m ⇒ [object Map]

> for(x of JOURNAL) for (e of x.events) {n=m.get(e) || 0; m.set(e,n+1)}; cnt

< ▶ {carrot: 16, exercise: 10, weekend: 30, bread: 8, pudding: 6, ...}

> map.get('pizza')

✖ ▶ Uncaught ReferenceError: map is not defined  
at <anonymous>:1:1

> m.get('pizza')

< 10

\_.keys() ⇒ [object Map Iterator]

> z={}; for (k of m.keys()) z[k]=m.get(k); z

< ▶ {carrot: 16, exercise: 10, weekend: 30, bread: 8, pudding: 6, ...}

> cnt

< ▶ {carrot: 16, exercise: 10, weekend: 30, bread: 8, pudding: 6, ...}

\_.deepEqual(cnt,z) ⇒ true

>