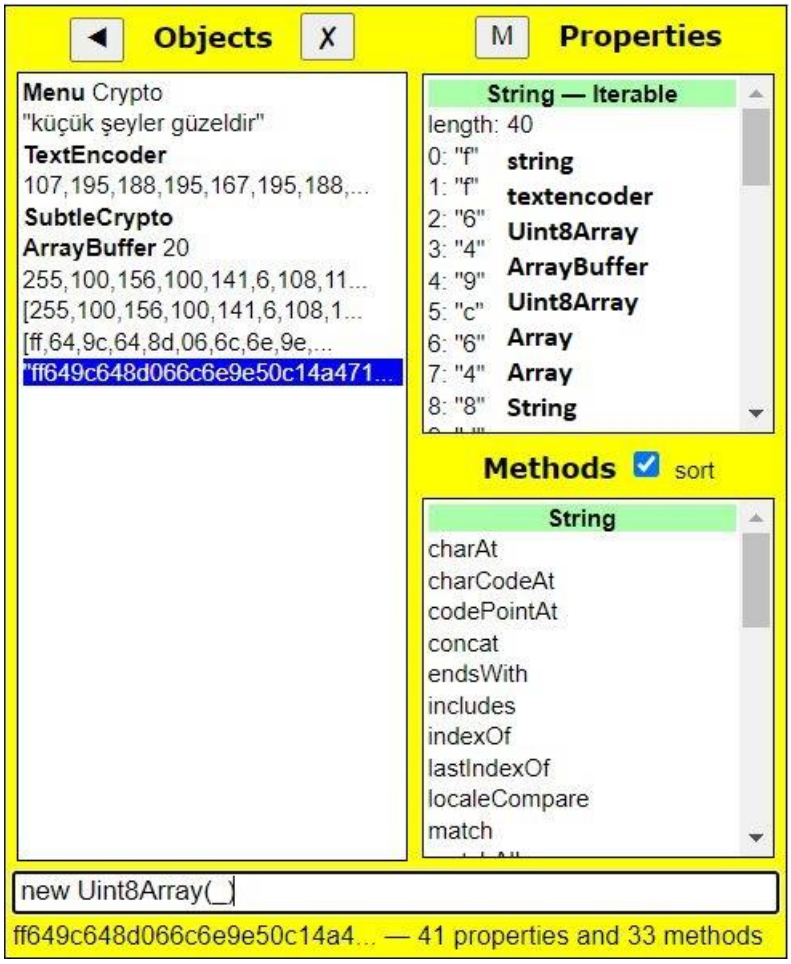

CW10

```
shaFromFile(f) { //File or Blob
                //use f.arrayBuffer()
                                return subtle.digest('SHA-1', new TextEncoder().encode(f.arrayBuffer()))
                .then(x=>[...new Uint8Array(x)].map(toHex).join(''))
            }
shaFromURL(u) { //URL or string
                //use fetch(u).then ...
                                fetch(u).then(s=>
                                subtle.digest('SHA-1', new TextEncoder().encode(s.name)
                                .then(x=>[...new Uint8Array(x)].map(toHex).join''))))

                return "implement this"
            }
```