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dbea940 4 days ago

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32 lines (21 sloc) 932 Bytes

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```
1
2 let eniacData = {
3   computer: 'ENIAC',
4   yearOperational: 1945,
5   leadership: ['John Mauchly', 'J. Presper Eckert'],
6   engineers: ['J. Presper Eckert'],
7   programmers: ['Jean Jennings', 'Betty Snyder', 'Frances Bilas', 'Kay McNulty', 'Marlyn Wescoff', 'Ruth Litherman']
8 };
9
10
11 // What will the following print to the console?
12
13 console.log(eniadata.computer); // ENIAC
14
15 console.log(eniadata['computer']); // ENIAC
16
17 // The following throws an error because _computer_ is undefined:
18 // console.log(eniadata[computer]);
19 //
20 // This is because is looks for a variable named _computer_ instead of looking
21 // up the key 'computer' in the object
22
23 let key = 'computer';
24
25 console.log(eniadata[key]); // ENIAC
26
27 console.log(eniadata.key); // undefined
28
29 // Dot notation expects the literal name of a key
30 // Bracket notation exepcts the literal name of a key as a string, OR,
31 // a variable containing the name of a key as a string
32
```