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dbea940 4 days ago

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```
1
2 // Given an array of people who worked on the ENIAC
3 let eniacDevelopers = [
4   'John Mauchly (project lead)',
5   'J. Presper Eckert (project lead, electrical engineer)',
6   'Betty Snyder (programmer)',
7   'Frances Bilas (programmer)',
8   'Kay McNulty (programmer)'
9 ];
10
11 // We're missing the people in the photo, let's add them
12
13 eniacDevelopers.push('Jean Jennings (programmer)');
14 eniacDevelopers.push('Marlyn Wescoff (programmer)');
15 eniacDevelopers.push('Ruth Lichterman (programmer)');
16
17 console.log(eniadevelopers);
18
19 // What if we wanted to know how many people worked on the ENIAC?
20
21 console.log(eniadevelopers.length);
22
23 // What if we wanted to print to the console only the programmers?
24
25 // Algorithm idea:
26 // - declare a result array
27 // - loop through all the strings in eniacDevelopers
28 //   - check if the string contains the sub-string '(programmer)'
29 //     - if it does, push it to the result array
30 // - print out the contents of the result array
31 //
32
33 // This is a difficult problem to solve with an array of strings.
34 // Also, what if we wanted to keep track not only of their names and roles, but
35 // other information, such as the multiple names the programmers had throughout
36 // their lives?
37
```