

2496. Maximum Value of a String in an Array

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The **value** of an alphanumeric string can be defined as:

- The **numeric** representation of the string in base **10** , if it comprises of digits **only**.
- The **length** of the string, otherwise.

Given an array `strs` of alphanumeric strings, return *the **maximum value** of any string in `strs`* .

Example 1:

Input: `strs = ["alic3","bob","3","4","00000"]`
Output: 5
Explanation:
- "alic3" consists of both letters and digits, so its value is its length, i.e. 5.
- "bob" consists only of letters, so its value is also its length, i.e. 3.
- "3" consists only of digits, so its value is its numeric equivalent, i.e. 3.
- "4" also consists only of digits, so its value is 4.
- "00000" consists only of digits, so its value is 0.
Hence, the maximum value is 5, of "alic3".

Example 2:

Input: `strs = ["1","01","001","0001"]`
Output: 1
Explanation:
Each string in the array has value 1. Hence, we return 1.

Constraints:

- `1 <= strs.length <= 100`
- `1 <= strs[i].length <= 9`
- `strs[i]` consists of only lowercase English letters and digits.

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JavaScript

📄 ↺ ⚙️

```
1 const maximumValue = (a) => {
2   let res = 0;
3   for (const s of a) {
4     let x = Number(s), v = Number.isNaN(x) ? s.length : x;
5     res = Math.max(res, v);
6   }
7   return res;
8 };
```

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User Tried:	9222
Total Accepted:	8956
Total Submissions:	13482
Difficulty:	Easy

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Use Example Testcases

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