157. Read N Characters Given Read4

Question

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Total Accepted: 8772 Total Submissions: 29945 Difficulty: Easy

The API: int read4(char *buf) reads 4 characters at a time from a file.

The return value is the actual number of characters read. For example, it returns 3 if there is only 3 characters left in the file.

By using the read4 API, implement the function int read(char *buf, int n) that reads n characters from the file.

Note:

 ${\mathcal S}$

The read function will only be called once for each test case.

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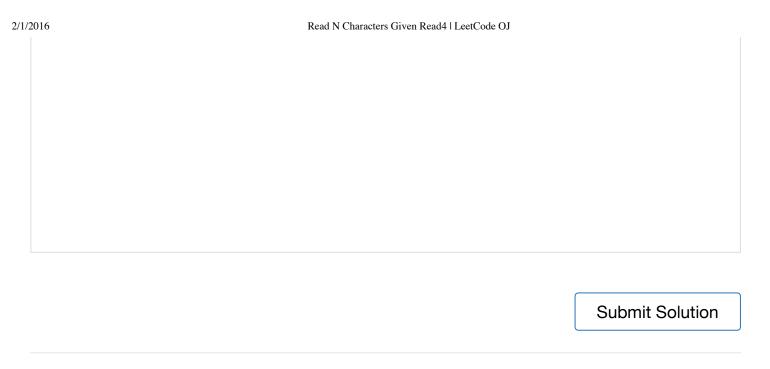
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C++
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```
// Forward declaration of the read4 API.
 1
 2
    int read4(char *buf);
 3
 4
    class Solution {
 5
    public:
 6
 7
         * @param buf Destination buffer
                       Maximum number of characters to read
 8
         * @param n
9
         * @return
                       The number of characters read
10
11
        int read(char *buf, int n) {
12
13
        Send Feedback (mailto:admin@leetcode.com?subject=Feedback)
```

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