170. Two Sum III - Data structure design

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Total Accepted: **8467** Total Submissions: **34905** Difficulty: **Easy**

> Design and implement a TwoSum class. It should support the following operations: `add` and `find`.
>
> `add` - Add the number to an internal data structure.
>
> `find` - Find if there exists any pair of numbers which sum is equal to the value.
>
> For example,
>
> ```
> add(1); add(3); add(5);
> find(4) -> true
> find(7) -> false
> ```
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C++

```
1  class TwoSum {
2  public:
3
4      // Add the number to an internal data structure.
5      void add(int number) {
6
7      }
8
9      // Find if there exists any pair of numbers which sum is equal to the
10     bool find(int value) {
11
```

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```
12      }
13  };
14
15
16  // Your TwoSum object will be instantiated and called as such:
17  // TwoSum twoSum;
18  // twoSum.add(number);
19  // twoSum.find(value);
```

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