

Create a Set Class

In this exercise we are going to create a class named `Set` to emulate an abstract data structure called "set". A set is like an array, but it cannot contain duplicate values. The typical use for a set is to simply check for the presence of an item. We can see how the ES6 `Set` object works in the example below:

```
const set1 = new Set([1, 2, 3, 5, 5, 2, 0]);
console.log(set1);
// output: {1, 2, 3, 5, 0}
console.log(set1.has(1));
// output: true
console.log(set1.has(6));
// output: false
```









First, we will create an `add` method that adds a value to our set collection as long as the value does not already exist in the set. Then we will create a `remove` method that removes a value from the set collection if it already exists. And finally, we will create a `size` method that returns the number of elements inside the set collection.

Create an `add` method that adds a unique value to the set collection and returns `true` if the value was successfully added and `false` otherwise.

Create a `remove` method that accepts a value and checks if it exists in the set. If it does, then this method should remove it from the set collection, and return `true`. Otherwise, it should return `false`. Create a `size` method that returns the size of the set collection.



Your `Set` class should have an `add` method.

	The <code>add</code> method should not add duplicate values.
	Your <code>add</code> method should return <code>true</code> when a value has been successfully added.
	Your <code>add</code> method should return <code>false</code> when a duplicate value is added.
	Your <code>Set</code> class should have a <code>remove</code> method.
	Your <code>remove</code> method should only remove items that are present in the set.
	Your <code>remove</code> method should remove the given item from the set.
	Your <code>Set</code> class should have a <code>size</code> method.
	The <code>size</code> method should return the number of elements in the collection.