

# Add an indexer in an interface

```
/*
C#: The Complete Reference
by Herbert Schildt

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*/
// Add an indexer in an interface.

using System;

public interface ISeries {
    // an interface property
    int next {
        get; // return the next number in series
        set; // set next number
    }

    // an interface indexer
    int this[int index] {
        get; // return the specified number in series
    }
}

// Implement ISeries.
class ByTwos : ISeries {
    int val;

    public ByTwos() {
        val = 0;
    }

    // get or set value using a property
    public int next {
```

```
get {  
    val += 2;  
    return val;  
}  
set {  
    val = value;  
}  
}
```

```
// get a value using an index  
public int this[int index] {  
    get {  
        val = 0;  
        for(int i=0; i
```