

Add an indexer in an interface

```
/*
C#: The Complete Reference
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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
```