

# Demonstrate the ByTwos interface

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

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*/
using System;

public interface ISeries {
    int getNext(); // return next number in series
    void reset(); // restart
    void setStart(int x); // set starting value
}

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

    public ByTwos() {
        start = 0;
        val = 0;
    }

    public int getNext() {
        val += 2;
        return val;
    }

    public void reset() {
        val = start;
    }
}
```

```
public void setStart(int x) {  
    start = x;  
    val = start;  
}  
}  
  
// Demonstrate the ByTwos interface.  
  
public class SeriesDemo {  
    public static void Main() {  
        ByTwos ob = new ByTwos();  
  
        for(int i=0; i < 5; i++) Console.WriteLine("Next value is " +  
            ob.getNext()); Console.WriteLine(" Resetting"); ob.reset();  
        for(int i=0; i < 5; i++) Console.WriteLine("Next value is " +  
            ob.getNext()); Console.WriteLine(" Starting at 100");  
        ob.setStart(100); for(int i=0; i < 5; i++)  
            Console.WriteLine("Next value is " + ob.getNext()); } }  
[/csharp]
```