

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]
```