Read/Write Text Files in C#

There are various ways to read and write text files using C#. The following examples shows how to use methods in the **System.IO.FILE** class to read and write text files.

```
class WriteTextFile
{
   static void Main()
   {
       string[] lines = { "First line", "Second line", "Third line" };
       System.IO.File.WriteAllLines(@"C:\Users\Public\TestFolder\WriteLines.txt", lines);
       string text = "A class is the most powerful data type in C#. Like a structure, " +
       System.IO.File.WriteAllText(@"C:\Users\Public\TestFolder\WriteText.txt", text);
       // The using statement automatically flushes AND CLOSES the stream and calls
       using (System.IO.StreamWriter file =
           new System.IO.StreamWriter(@"C:\Users\Public\TestFolder\WriteLines2.txt"))
           foreach (string line in lines)
                if (!line.Contains("Second"))
                {
                    file.WriteLine(line);
                }
       using (System.IO.StreamWriter file =
           new System.IO.StreamWriter(@"C:\Users\Public\TestFolder\WriteLines2.txt", true))
           file.WriteLine("Fourth line");
   }
```