# File System I/O

#### Check file exists

```
⊡using System;
     using System.IO;
     □namespace test
          class Program
              static void Main(string[] args)
                  // path is NOT case sensitive
10
                  string path = @"d:\temp\MyTest.txt";
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                   if (File.Exists(path))
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                       Console.WriteLine("File found.");
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                   else
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                       Console.WriteLine("File not found.");
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```

#### Read file

```
static void Main(string[] args)
    // path is NOT case sensitive
    string path = @"d:\temp\MyTest.txt";
    if (File.Exists(path))
        Console.WriteLine("File found.");
        // Open the file to read from.
        using (StreamReader sr = File.OpenText(path))
            string s = "";
            while ((s = sr.ReadLine()) != null)
                Console.WriteLine(s);
            // You do NOT need to call Flush() or Close().
    else
        Console.WriteLine("File not found.");
```

#### Delete file

```
static void Main(string[] args)
    string path = @"d:\temp\MyTest2.txt";
    if (File.Exists(path))
        Console.WriteLine("File found.");
        File.Delete(path);
    else
        Console.WriteLine("File not found.");
```

### Exercise

## File.AppendText(path)