

Write file:

```
using System;
using System.IO;

namespace FileApplication {
    class Program {
        static void Main(string[] args) {
            string[] names = new string[] { "Zara Ali", "Nuha Ali" };

            using (StreamWriter sw = new StreamWriter("names.txt")) {
                foreach (string s in names) {
                    sw.WriteLine(s);
                }
            }

            // Read and show each line from the file.
            string line = "";
            using (StreamReader sr = new StreamReader("names.txt")) {
                while ((line = sr.ReadLine()) != null) {
                    Console.WriteLine(line);
                }
            }
            Console.ReadKey();
        }
    }
}
```

Read file:

```
using System;
using System.IO;

namespace FileApplication {
    class Program {
        static void Main(string[] args) {
            try {
                // Create an instance of StreamReader to read from a file.
                // The using statement also closes the StreamReader.
                using (StreamReader sr = new StreamReader("c:/jamaica.txt")) {
                    string line;

                    // Read and display lines from the file until
                    // the end of the file is reached.
                    while ((line = sr.ReadLine()) != null) {
                        Console.WriteLine(line);
                    }
                }
            } catch (Exception e) {
                // Let the user know what went wrong.
                Console.WriteLine("The file could not be read:");
                Console.WriteLine(e.Message);
            }
            Console.ReadKey();
        }
    }
}
```