

# The hex dump program.

```
using System;
using System.IO;

class Class1 {
public static string Pad(string s, int len) {
string temp = s;
for (int i = s.Length; i < len; ++i) temp = "0" + temp; return
temp; } static void Main(string[] args) { StreamReader sr =
new StreamReader("c:a.txt"); string line = ""; int nCounter =
0; int nOffset = 0; while ((line = sr.ReadLine()) != null) {
for (int i = 0; i < line.Length; ++i) { int c = (int)line[i];
string fmt = String.Format("{0:x}", c); if (fmt.Length == 1)
fmt = Pad(fmt, 2); if (nOffset % 16 == 0) { string offsetFmt =
nOffset.ToString(); System.Console.Write(Pad(offsetFmt, 5) +
": "); } System.Console.Write(fmt + " "); if (nCounter == 15)
{ System.Console.Write(" "); nCounter = 0; } else nCounter++;
nOffset++; } } } } [/csharp]
```