

```
#N88BASIC
```

```
'データを暗号化
```

```
Function EnC(in As *Byte, out As *Byte, l As Long) As Long  
    Dim Cind As Long  
    out[0] = in[0]  
    For Cind = 1 To l-1  
        out[Cind] = in[Cind]-in[Cind-1]  
    Next
```

```
End Function
```

```
'データを複合化
```

```
Function DeC(in As *Byte, out As *Byte, l As Long) As Long  
    Dim Cind As Long  
    out[0] = in[0]  
    For Cind = 1 To l-1  
        out[Cind] = in[Cind]+out[Cind-1]  
    Next
```

```
End Function
```

```
Function Show(in As *Byte, l As Long) As Long
```

```
    Dim Cind As Long  
    Dim ele[45] As Byte
```

```
    For Cind = 0 To l-1  
        wsprintf(ele, "%02x ", in[Cind])  
        Print MakeStr(ele);
```

```
    Next
```

```
    Print ""
```

```
End Function
```

```
'testo
```

```
Dim in[10] As Byte'元
```

```
Dim out[10] As Byte'暗号
```

```
Dim out2[10] As Byte'複合
```

```
wsprintf(in, "阿部高和")
```

```
Show(in, 10)
```

```
EnC(in, out, 10)
```

```
Show(out, 10)
```

```
DeC(out, out2, 10)
```

```
Show(out2, 10)
```

別解

APIにEncryptFile関数があり「ファイルまたはディレクトリを暗号化します。」とある。解除はDecryptFile関数を使う。

これはファイル、フォルダのプロパティにある[属性]->[詳細設定]で暗号化するもの。

▶ win2000異常でないと使えない。

MSDNには **インポートライブラリ : kernel32.lib を使用** と書いてあるけど **ウソ**。Advapi32.libが正解。

```
#N88BASIC
```

```
Declare Function EncryptFile Lib"Advapi32" Alias "EncryptFileA" (lpFileName As *Byte) As Long
```

```
Declare Function DecryptFile Lib"Advapi32" Alias "DecryptFileA" (lpFileName As *Byte,dwReserved As DWord) As Long
```

```
Dim h As String
```

```
Print EncryptFile("eeeee.txt")
```

```
input h
```

```
Print DecryptFile("eeeee.txt",0)
```