|  |  |
| --- | --- |
| **character** | **code-word** |
| **f** | **0** |
| **c** | **100** |
| **d** | **101** |
| **a** | **1100** |
| **b** | **1101** |
| **e** | **111** |

00111010111010000111011011011010100100101**11**

f f e f d b f f f f e f b d d f c c d ??

Example of Decoding an Arbitrary Bit Stream using a Huffman Code Table.

Note that any Bit Stream can be decoded by any Huffman Table, regardless of how the bit stream was produced. Only some bits at the end (**e.g., 11 above**) may not have a code, if the bit stream is arbitrarily generated.