

UNIT 17 *Huffman Codes*

Overhead Slides

Overhead Slides

- 17.1 ASCII Code
 - 17.2 Possible Huffman Code for 5 letters
 - 17.3 Other Huffman Codes for 5 letters
 - 17.4 Possible Huffman Codes for 8 Letters
-

OS 17.1

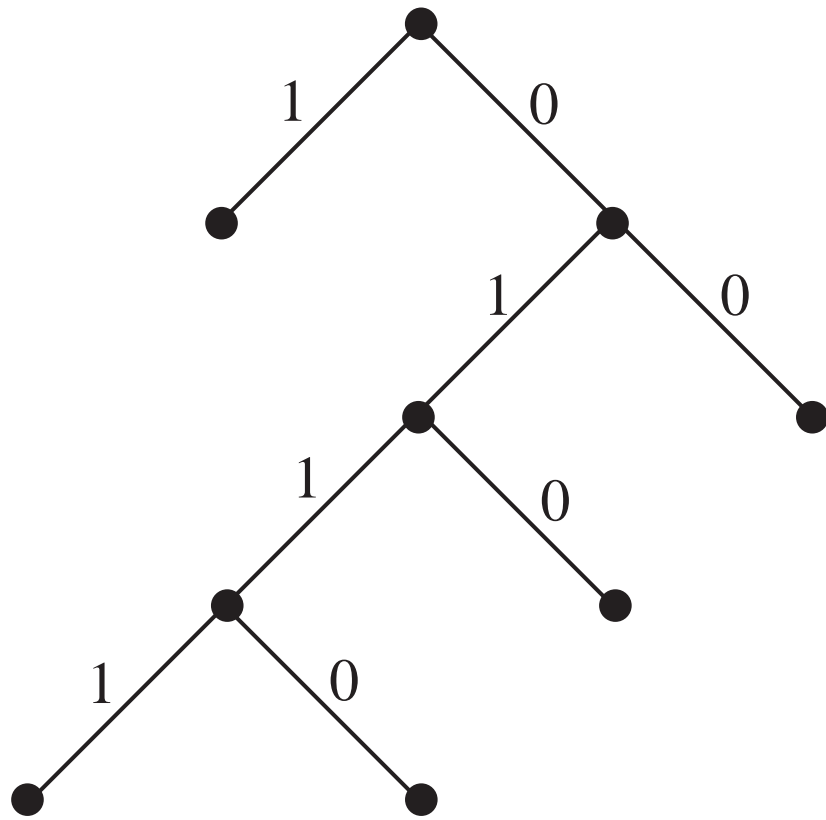
ASCII Code

ASCII codes

<i>Character</i>	<i>Code</i>
Space	0 1 0 0 0 0 0
0	0 1 1 0 0 0 0
1	0 1 1 0 0 0 1
2	0 1 1 0 0 1 0
3	0 1 1 0 0 1 1
...
...
9	0 1 1 1 0 0 1
+	0 1 0 1 0 1 1
-	0 1 0 1 1 0 1
=	0 1 1 1 1 0 1
A	1 0 0 0 0 0 1
B	1 0 0 0 0 1 0
...
O	1 0 0 1 1 1 1
P	1 0 1 0 0 0 0
Q	1 0 1 0 0 0 1
...
...
Z	1 0 1 1 0 1 0

OS 17.2

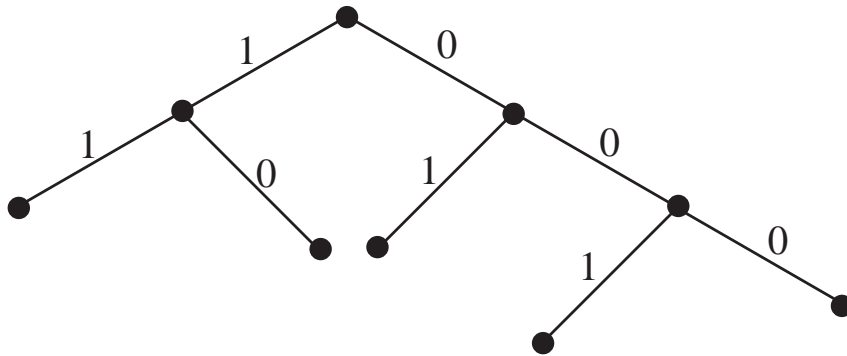
Possible Huffman Code for 5 Letters



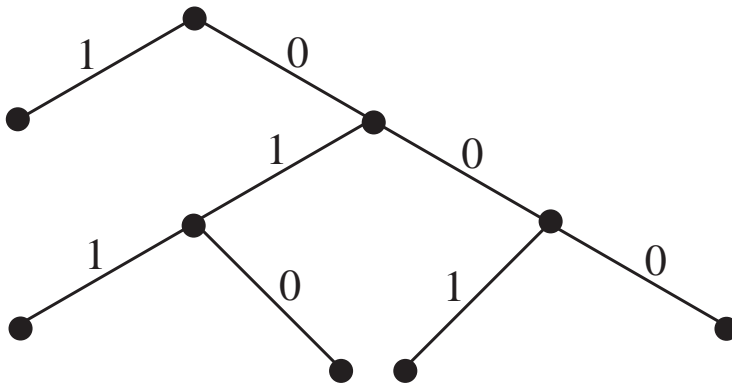
<i>Letter</i>	<i>Code</i>	<i>Length</i>

OS 17.3

Other Huffman Codes for 5 Letters



<i>Letter</i>	<i>Code</i>	<i>Length</i>



<i>Letter</i>	<i>Code</i>	<i>Length</i>

OS 17.4

Possible Huffman Codes for 8 Letters

