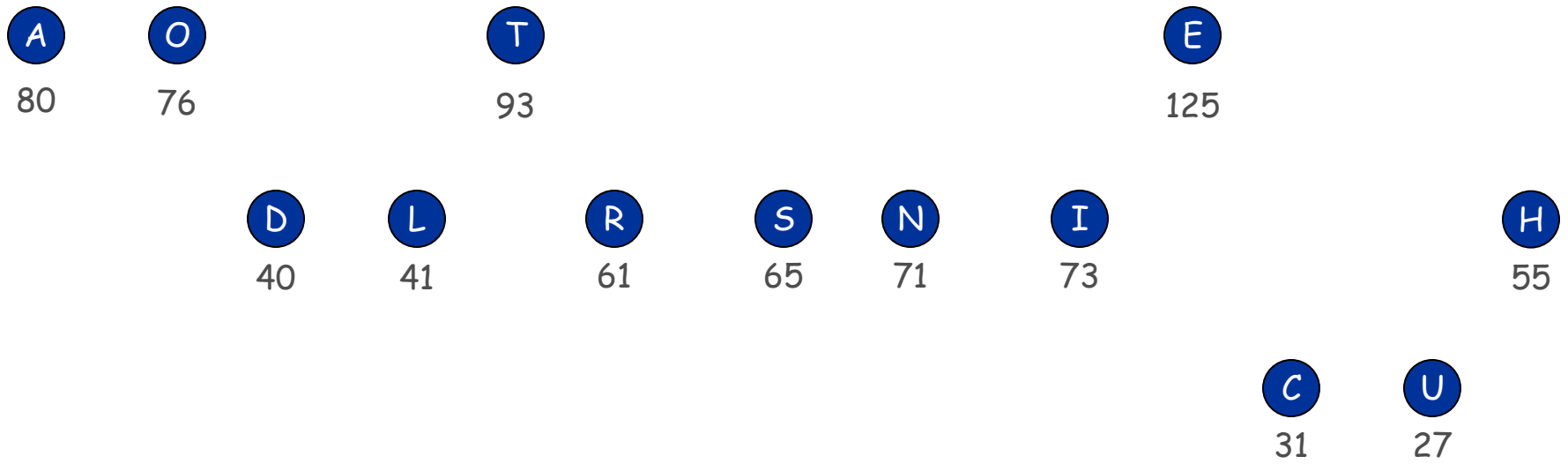


# Huffman Code Construction

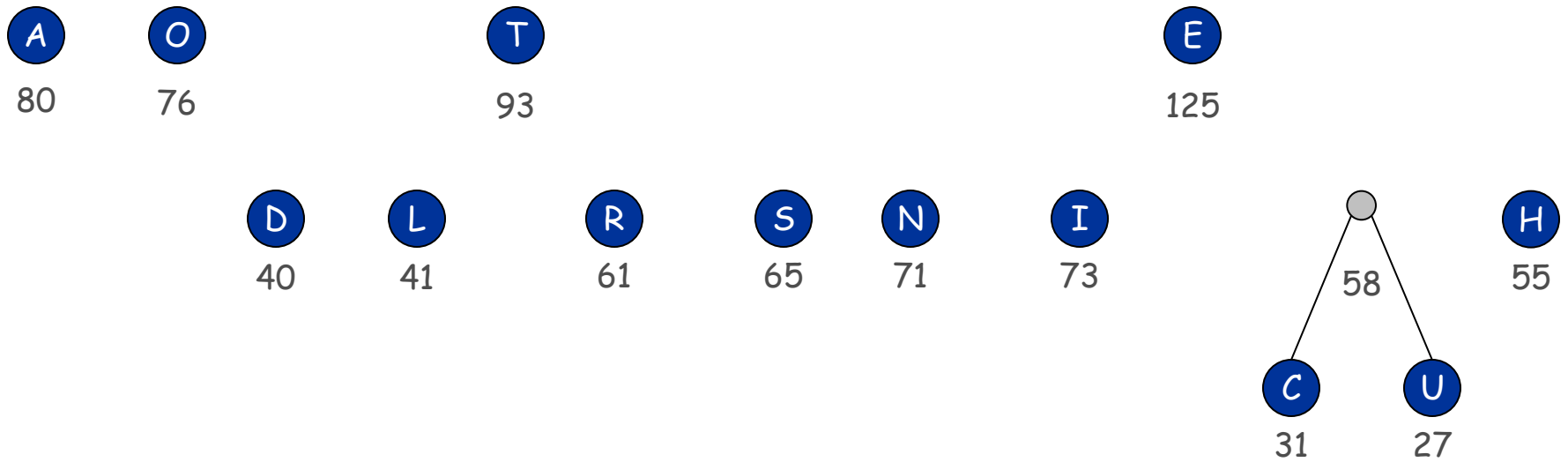
Character count in text.

Char	Freq
E	125
T	93
A	80
O	76
I	72
N	71
S	65
R	61
H	55
L	41
D	40
C	31
U	27

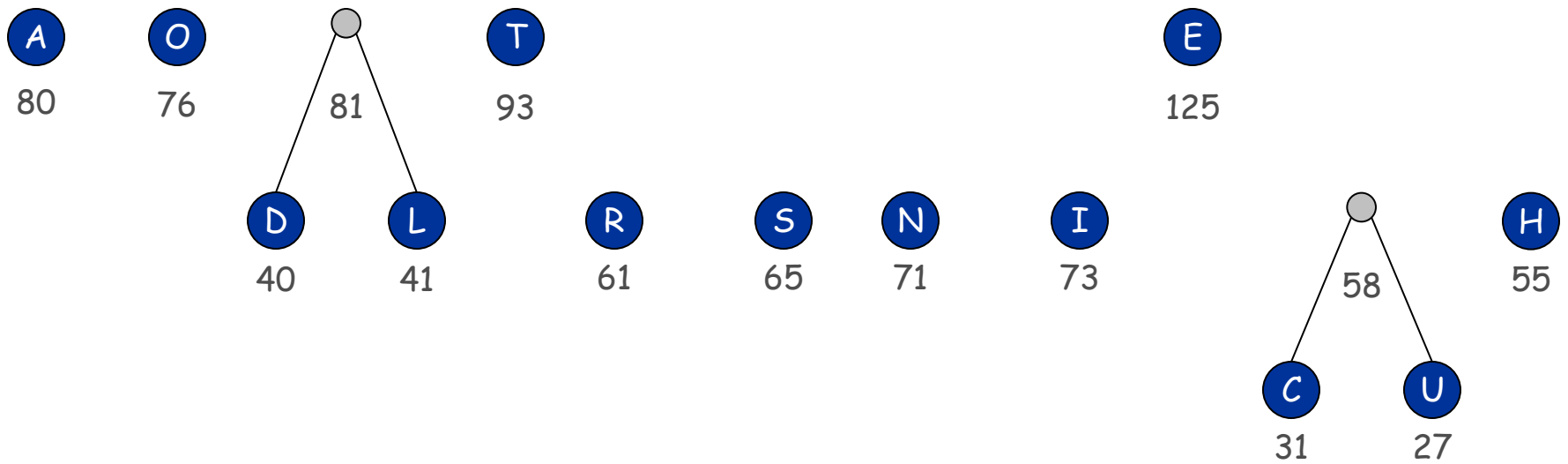
# Huffman Code Construction



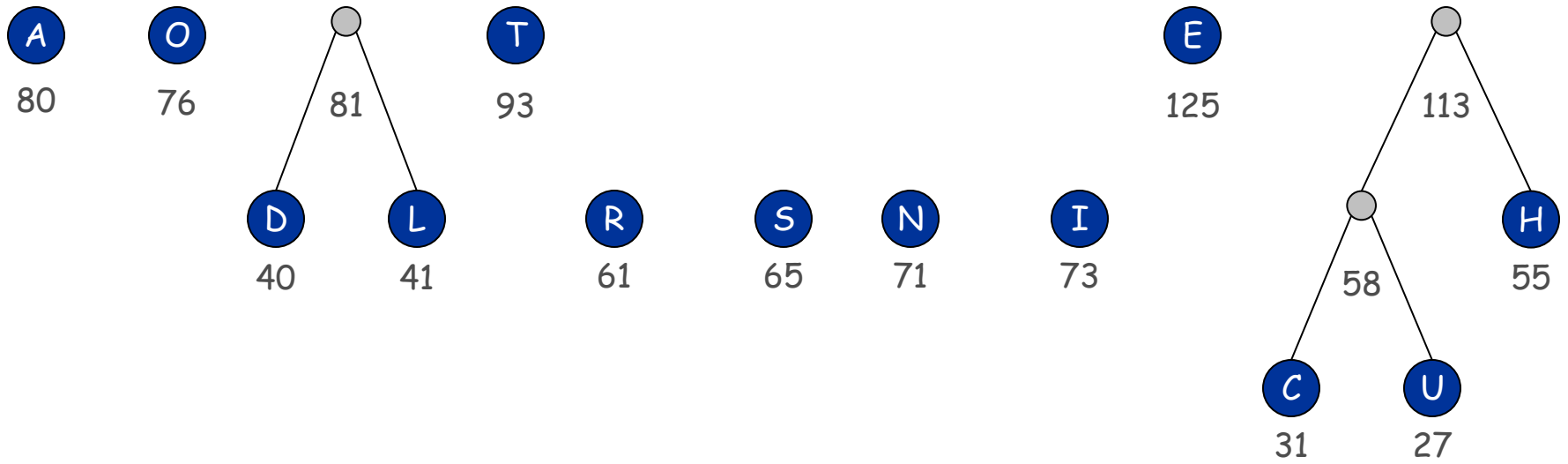
# Huffman Code Construction



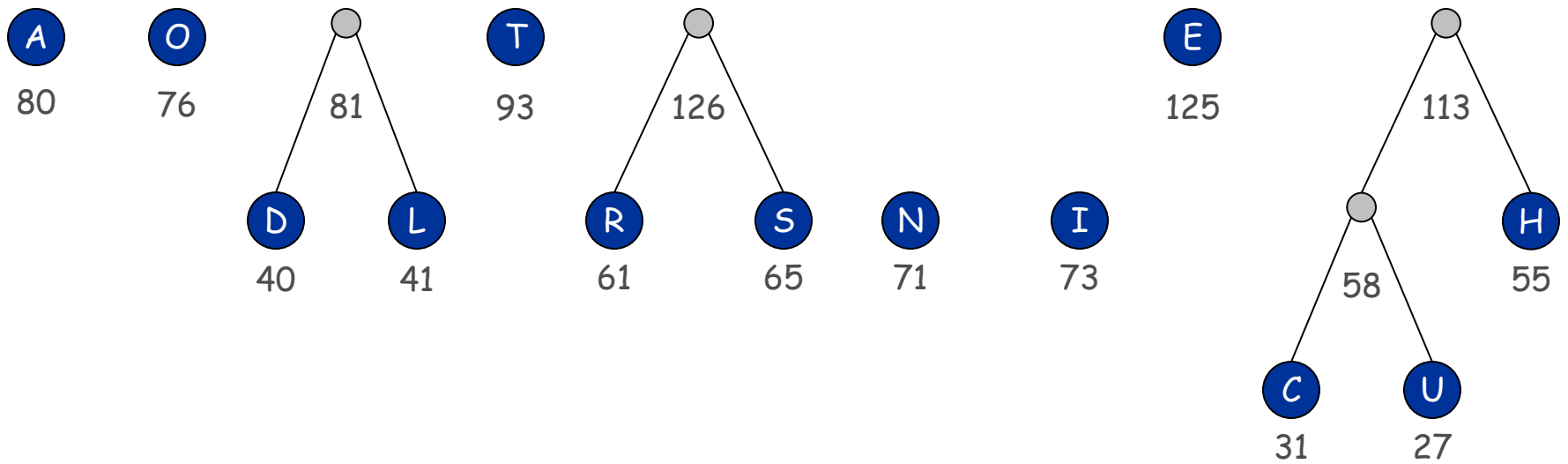
# Huffman Code Construction



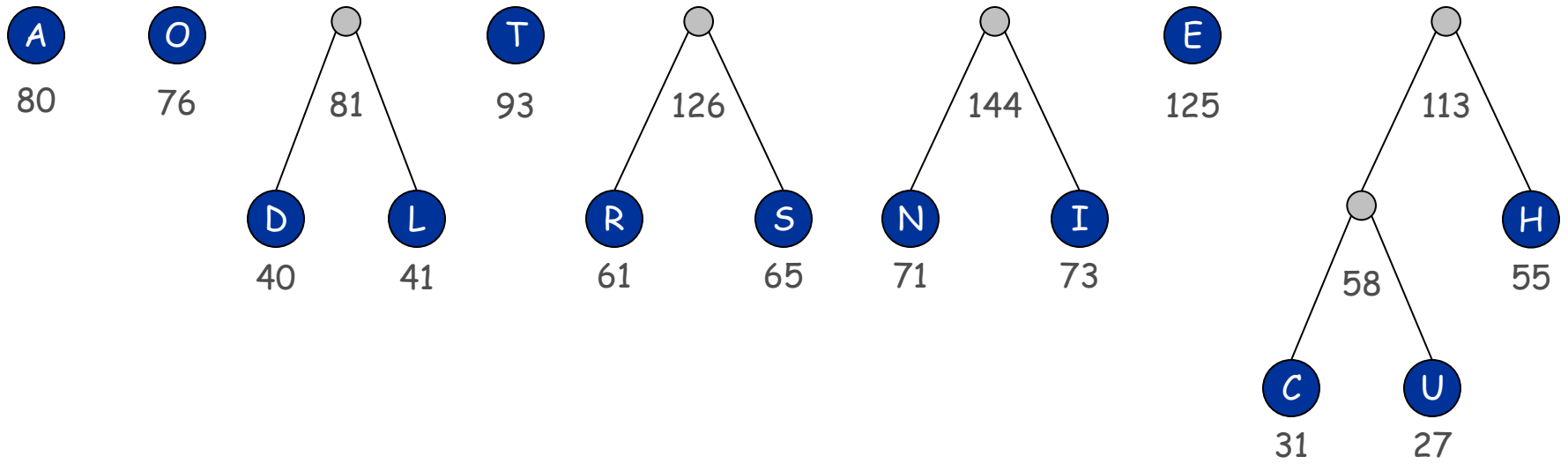
# Huffman Code Construction



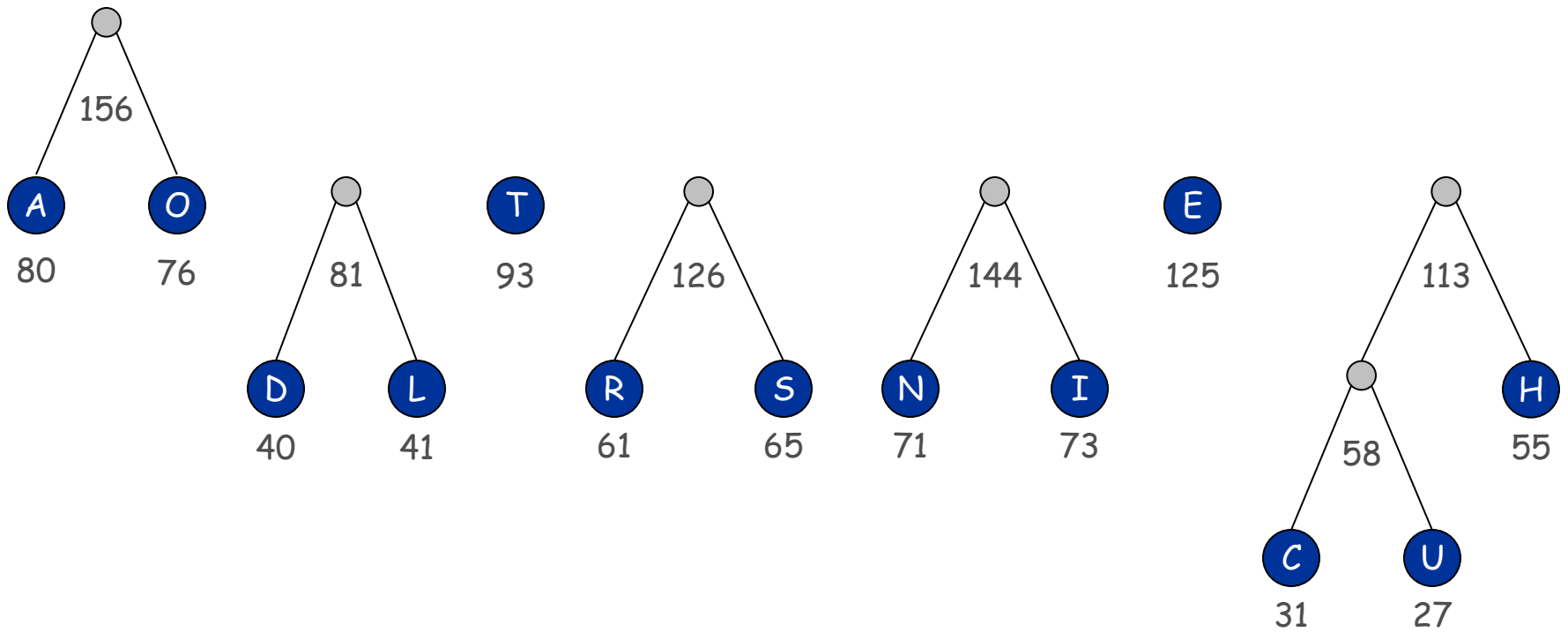
# Huffman Code Construction



# Huffman Code Construction

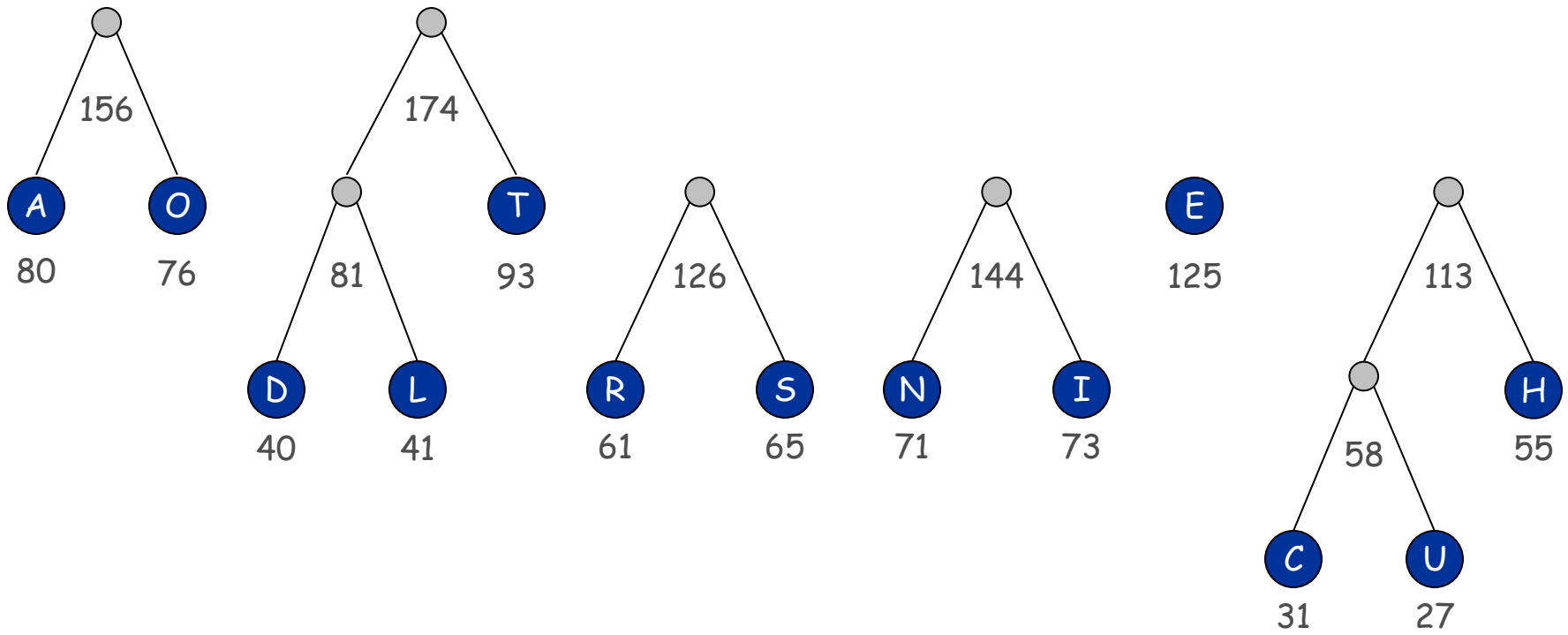


# Huffman Code Construction

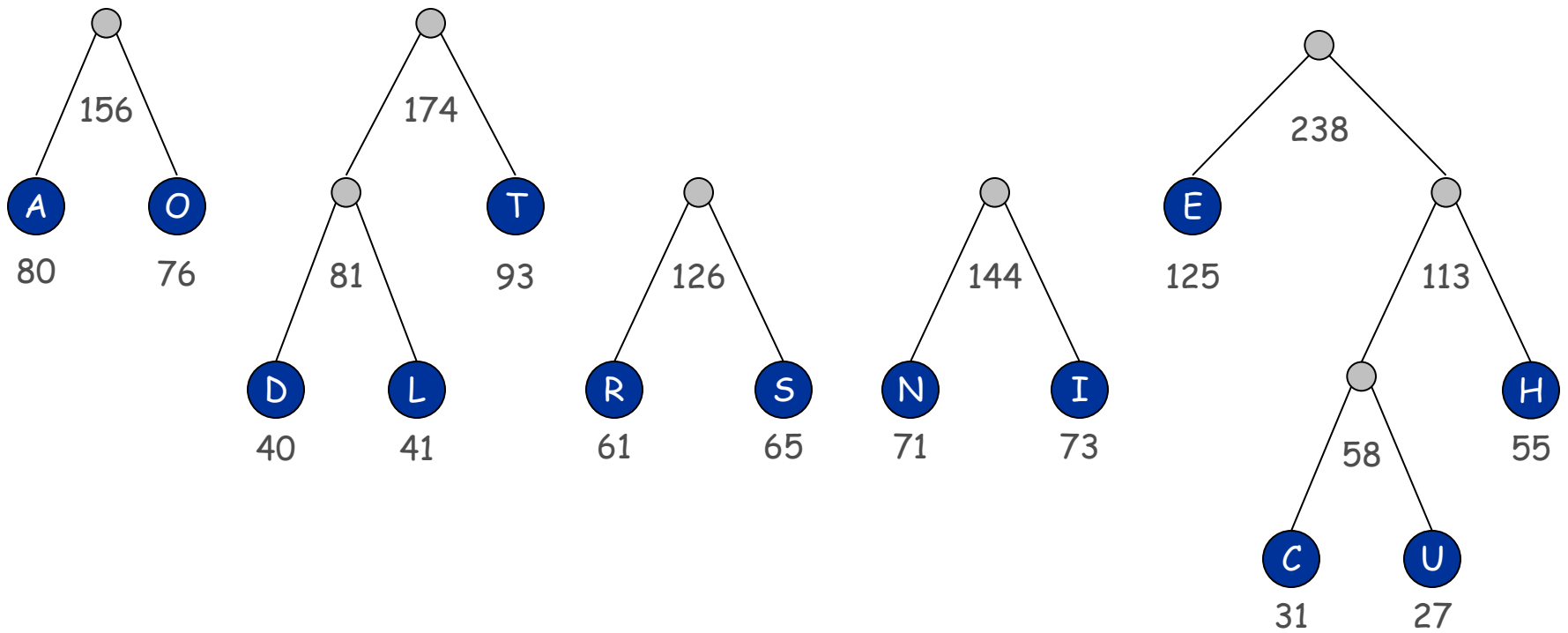




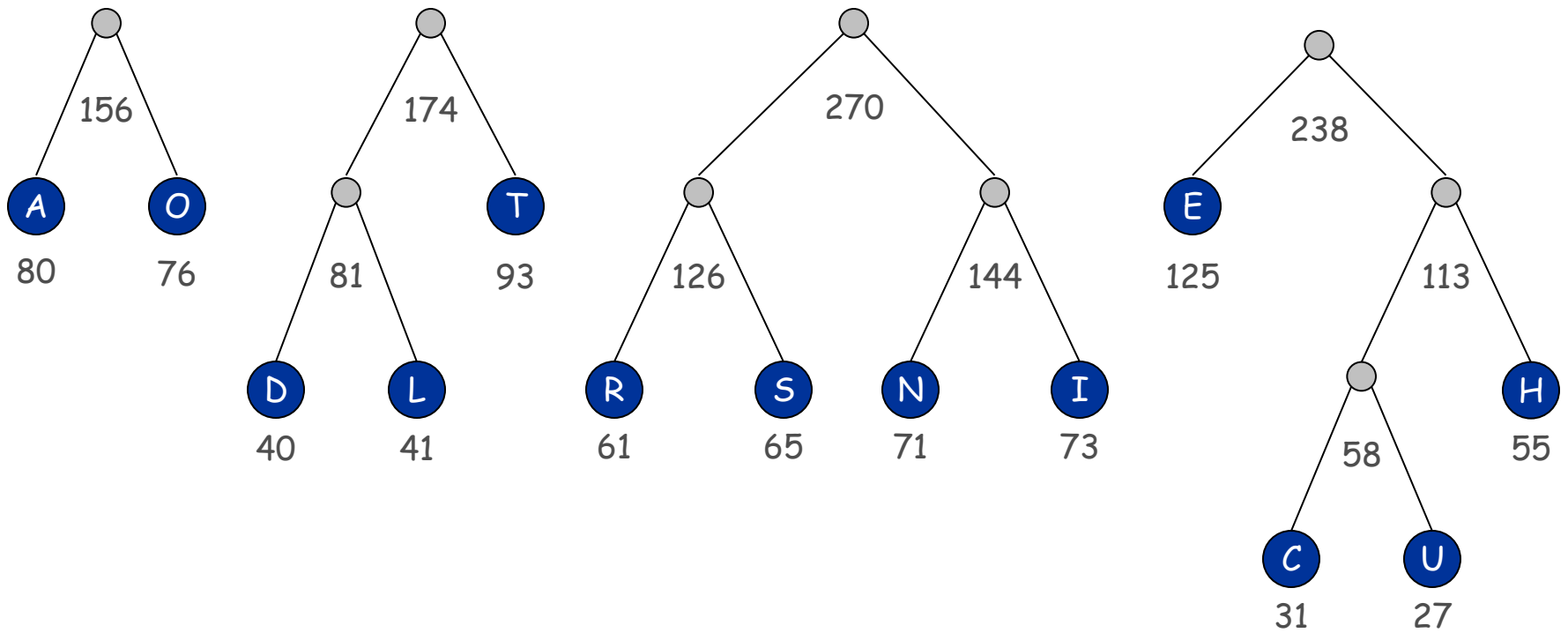
# Huffman Code Construction



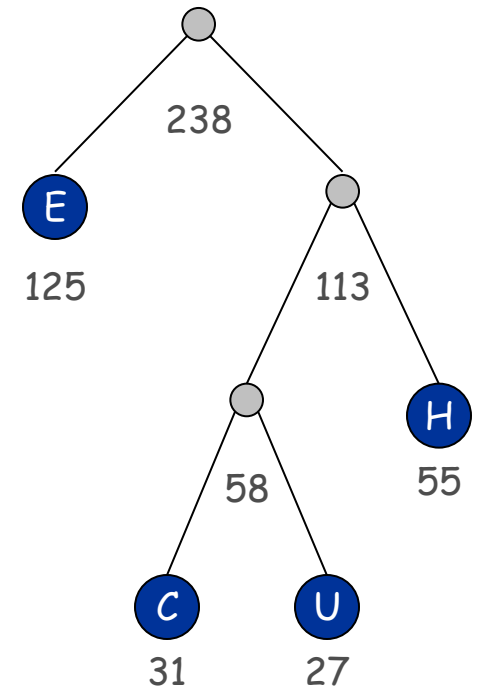
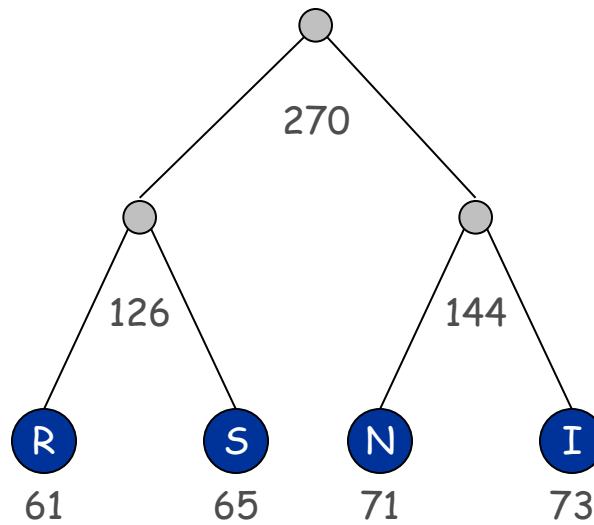
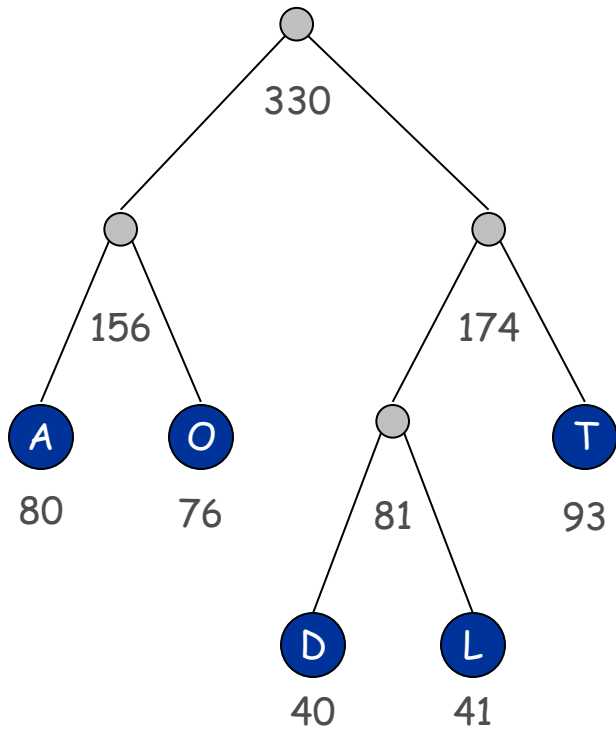
# Huffman Code Construction



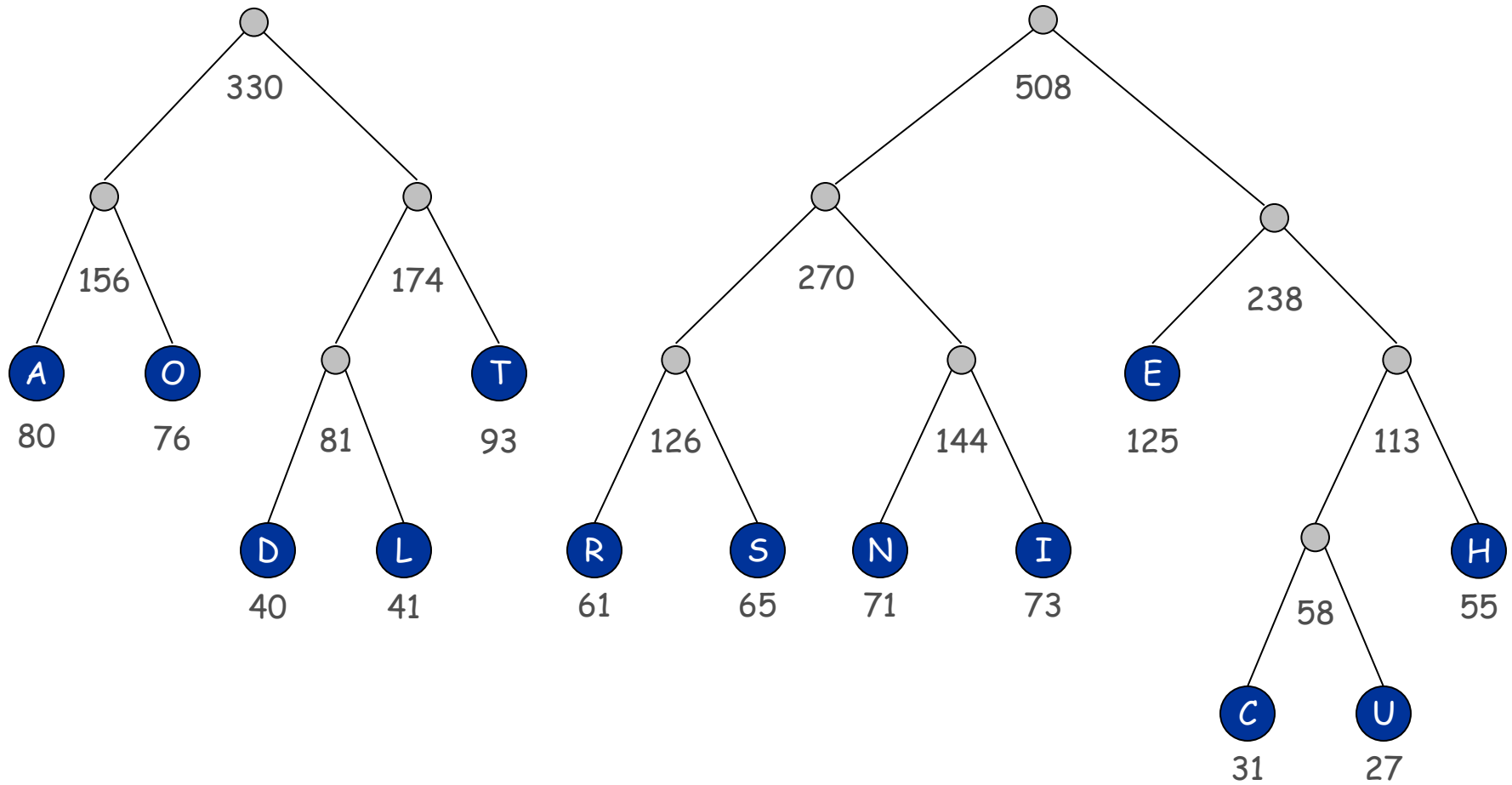
# Huffman Code Construction



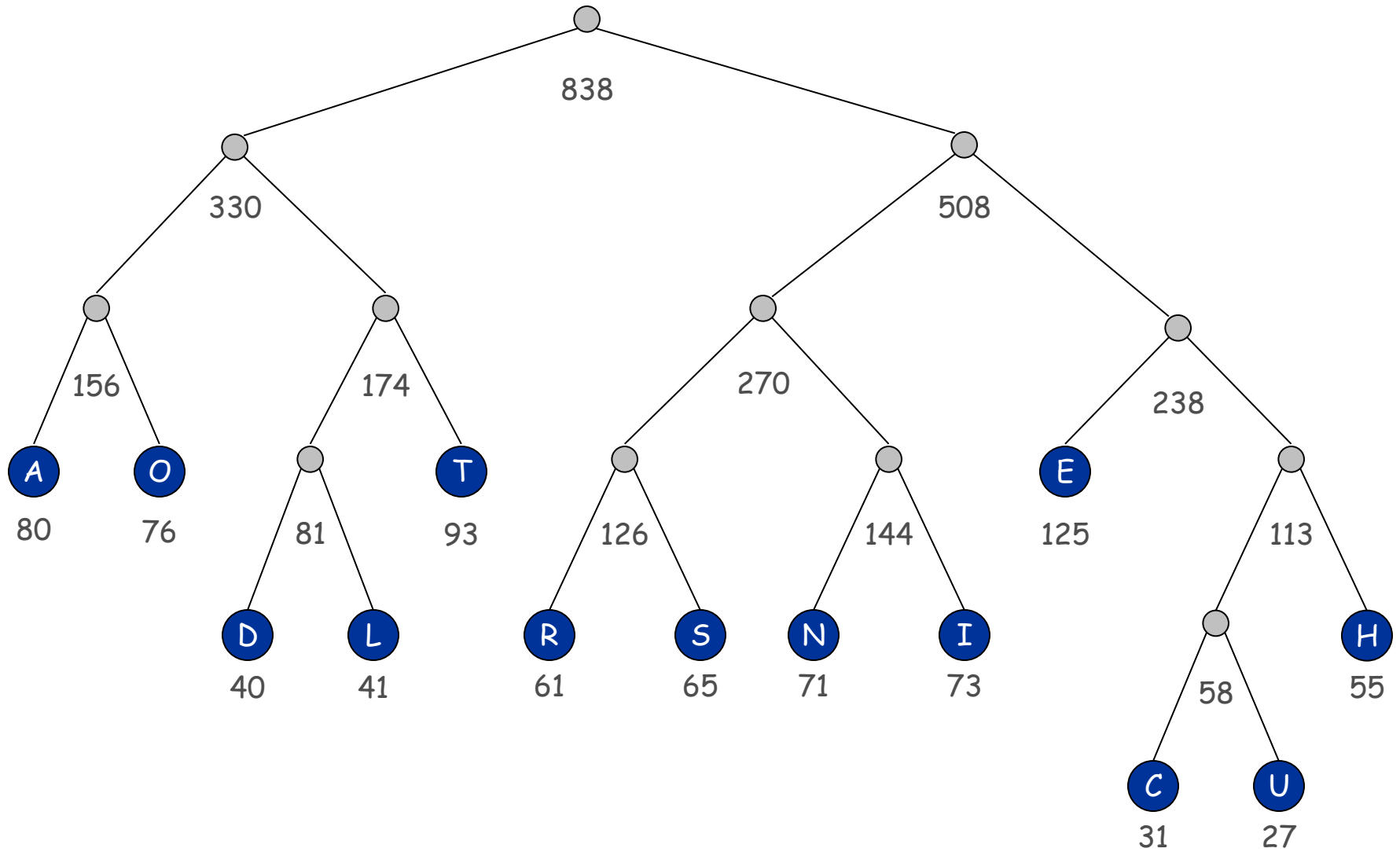
# Huffman Code Construction



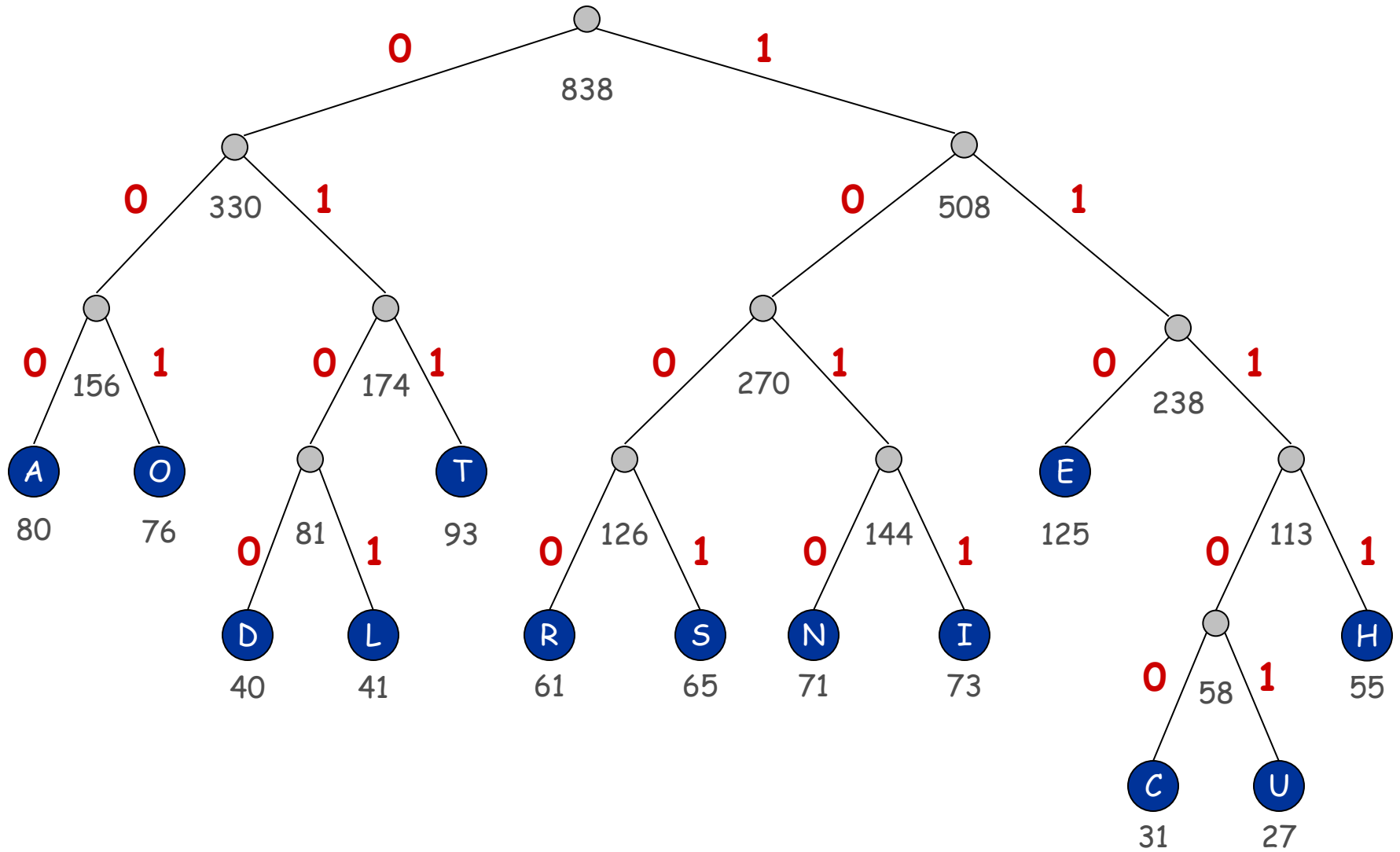
# Huffman Code Construction



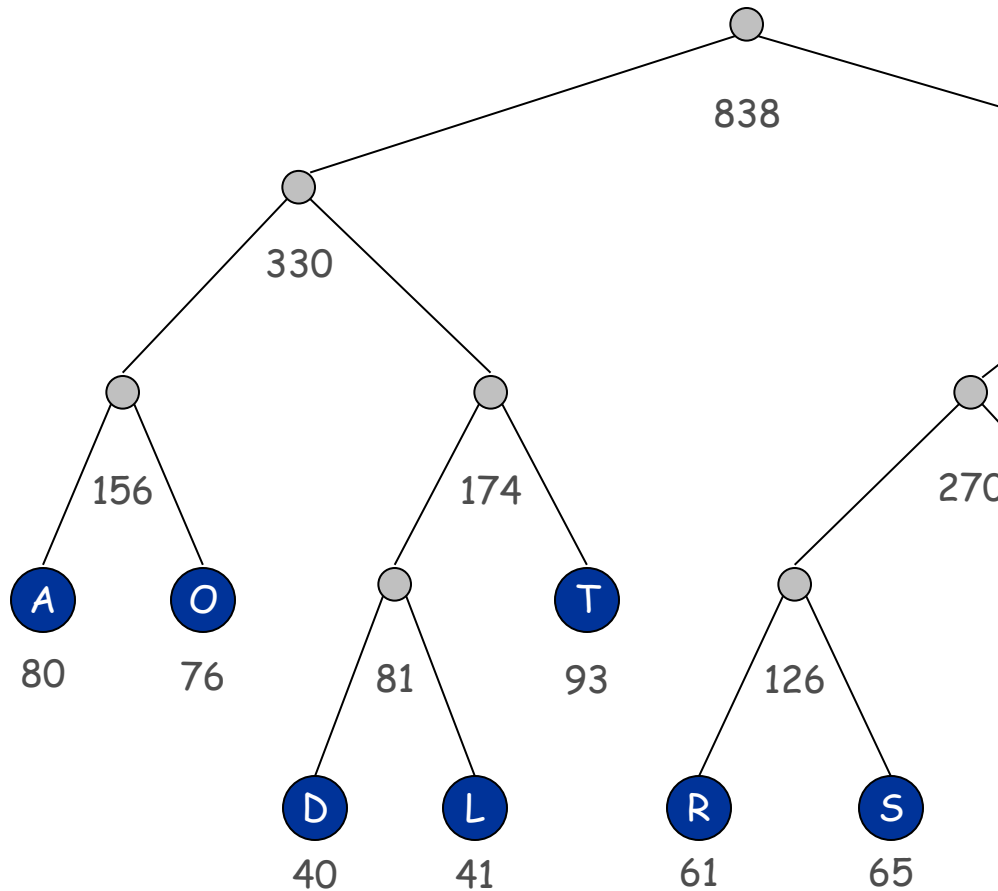
# Huffman Code Construction



# Huffman Code Construction



# Huffman Code Construction



Char	Freq	Fixed	Huff
E	125	0000	110
T	93	0001	011
A	80	0010	000
O	76	0011	001
I	73	0100	1011
N	71	0101	1010
S	65	0110	1001
R	61	0111	1000
H	55	1000	1111
L	41	1001	0101
D	40	1010	0100
C	31	1011	11100
U	27	1100	11101
Total	838	4.00	3.62