

Algorithms: Design and Analysis, Part II

Huffman Codes

Huffman's Algorithm: A More Complex Example

Input and Steps 1 and 2

Inpt: Characters A B C D E F Leights 3 2 6 8 2 6

Stepl: merge Band E.

A DE C D F

1 4 6 8 6



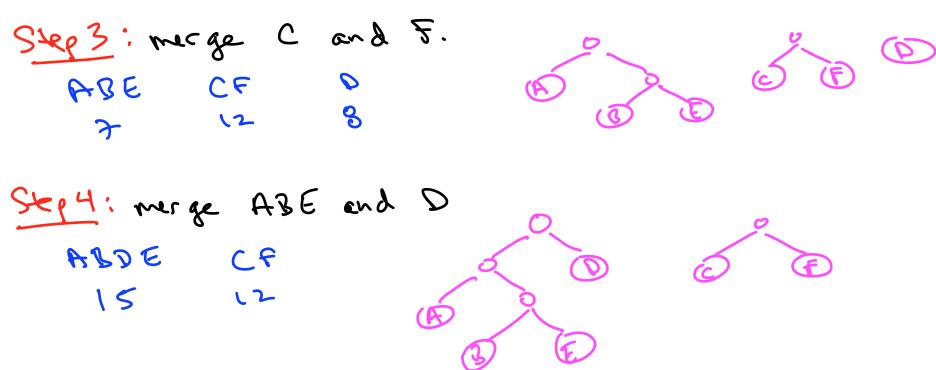
Step 2: merge A and BE.

ASE C D F

+ 6 8 6



Steps 3 and 4



Final Output

Final tree.

