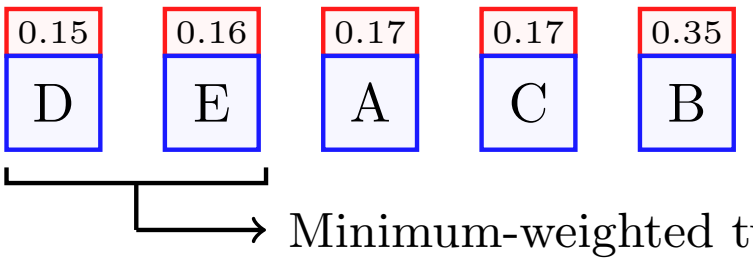
Construction of Huffman Tree



→ Minimum-weighted two nodes. Now these will be combined...

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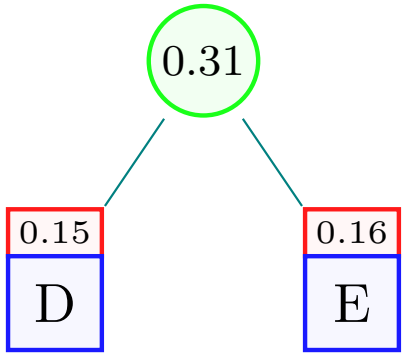

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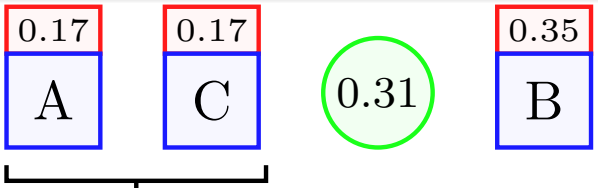

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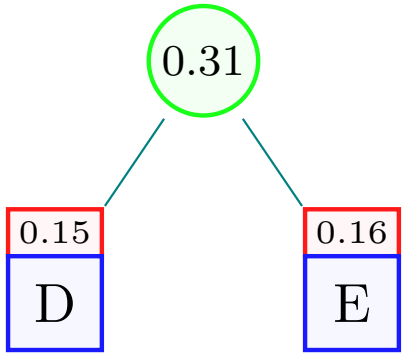

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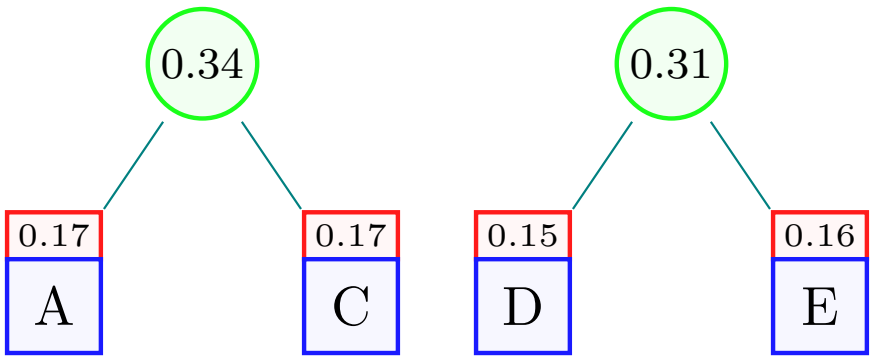

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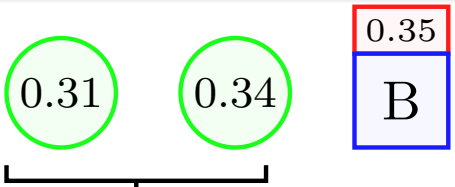

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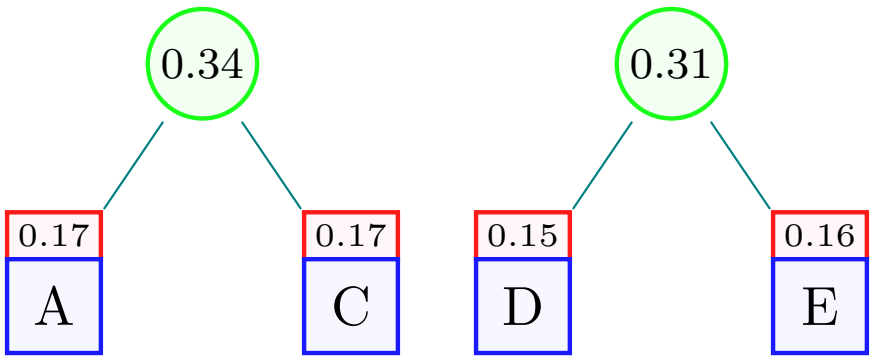

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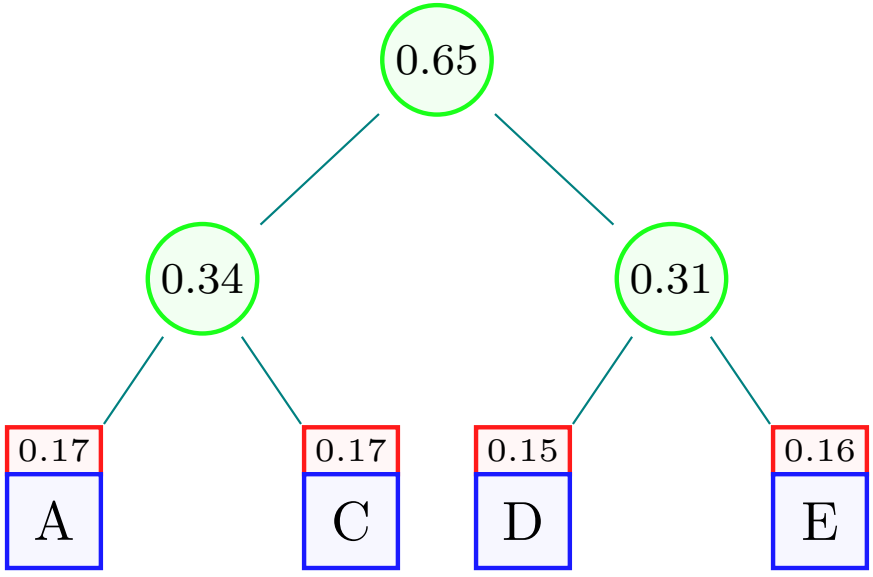

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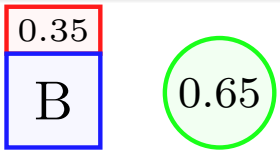

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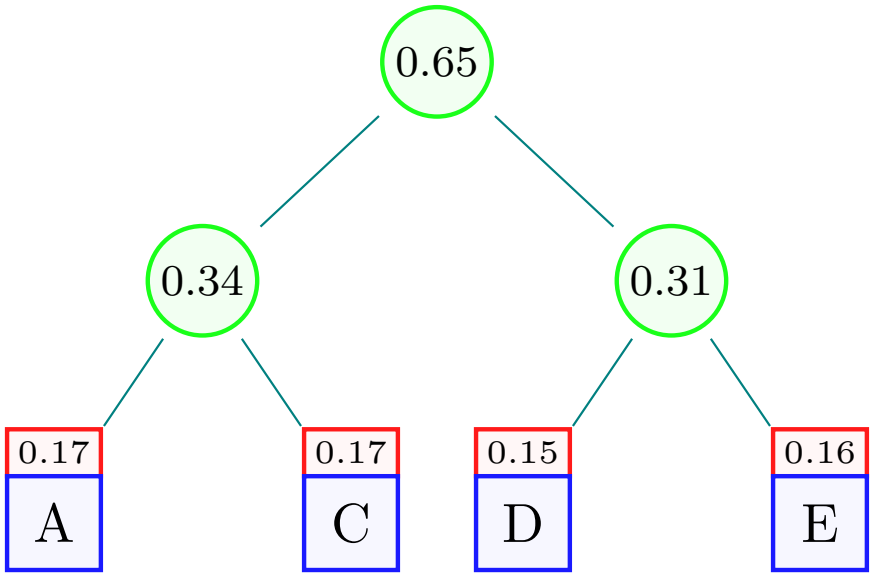

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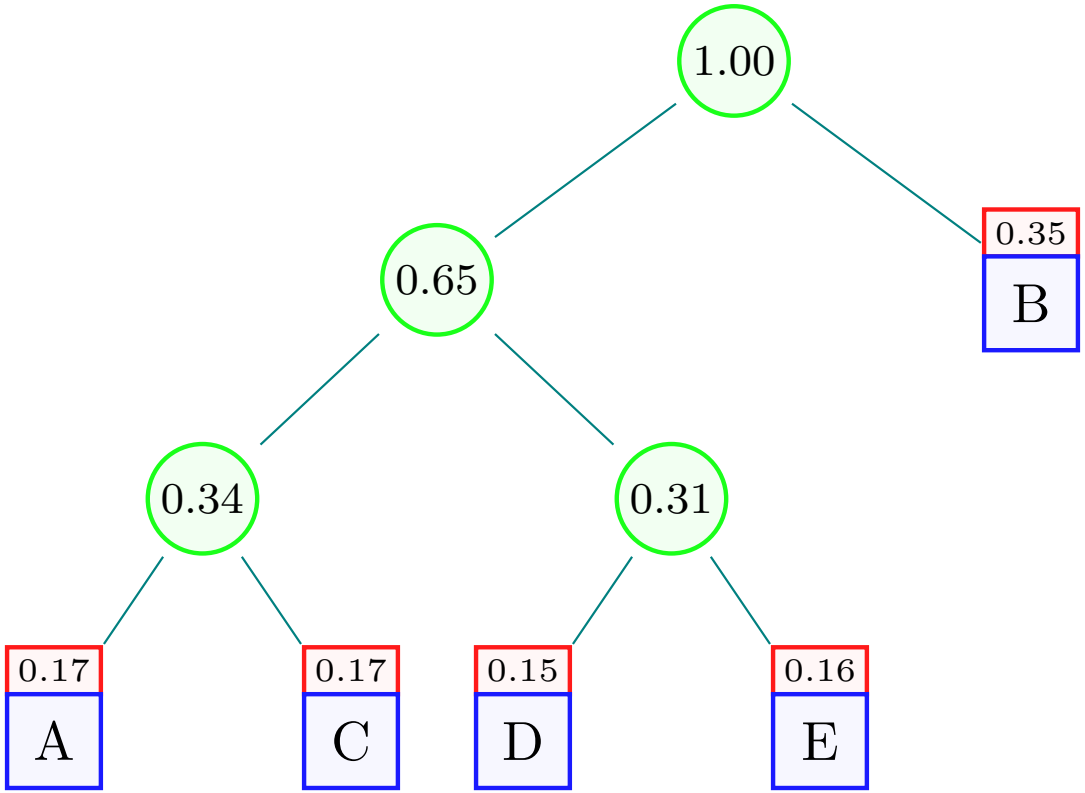

Interpreting Binary Codes

Example

Let's say we want to find the binary encoding of the letter 'D'

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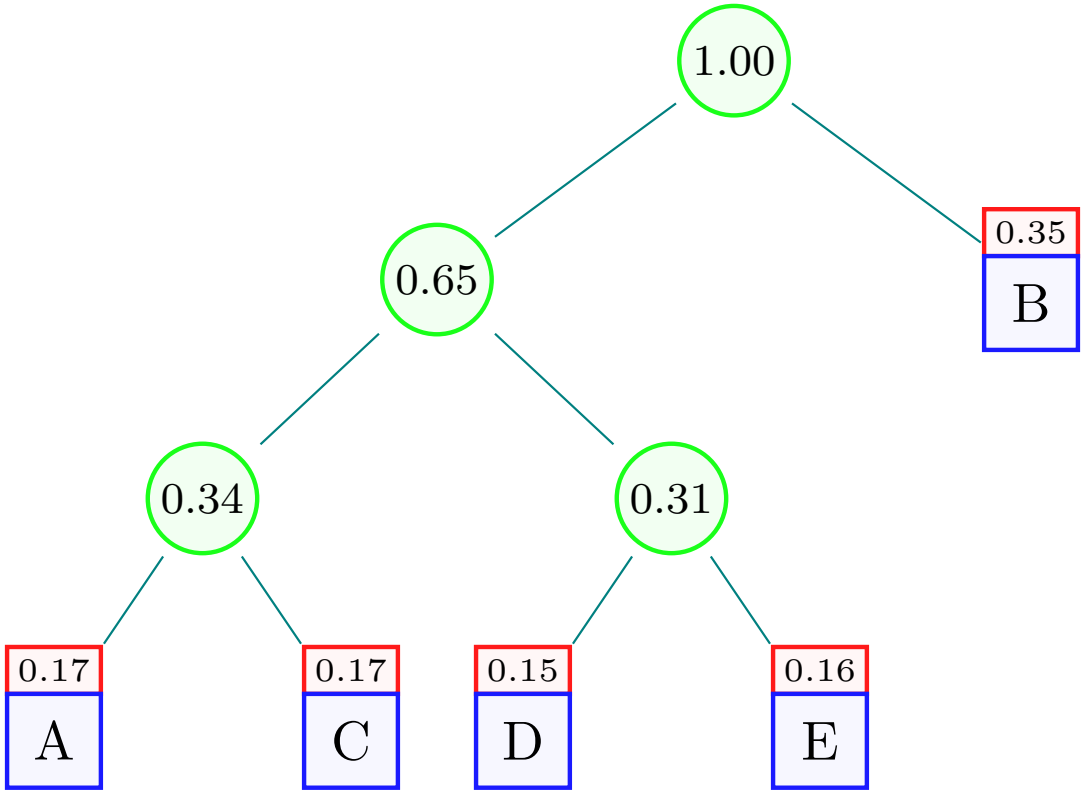

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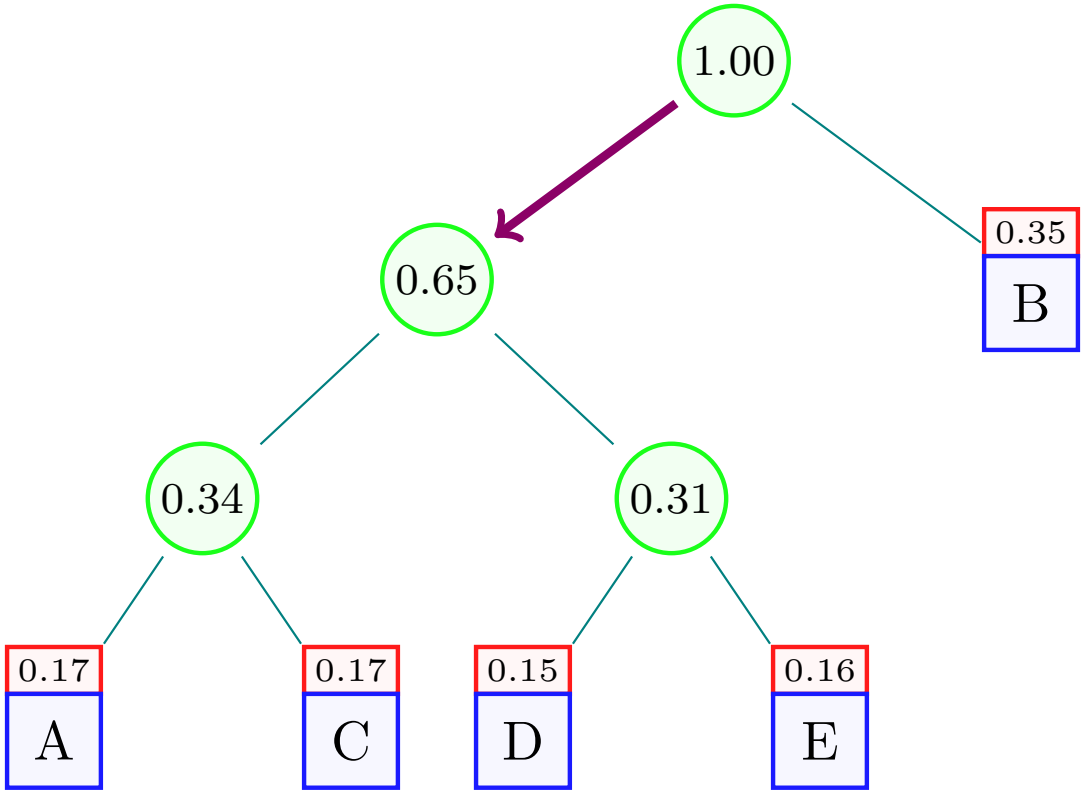

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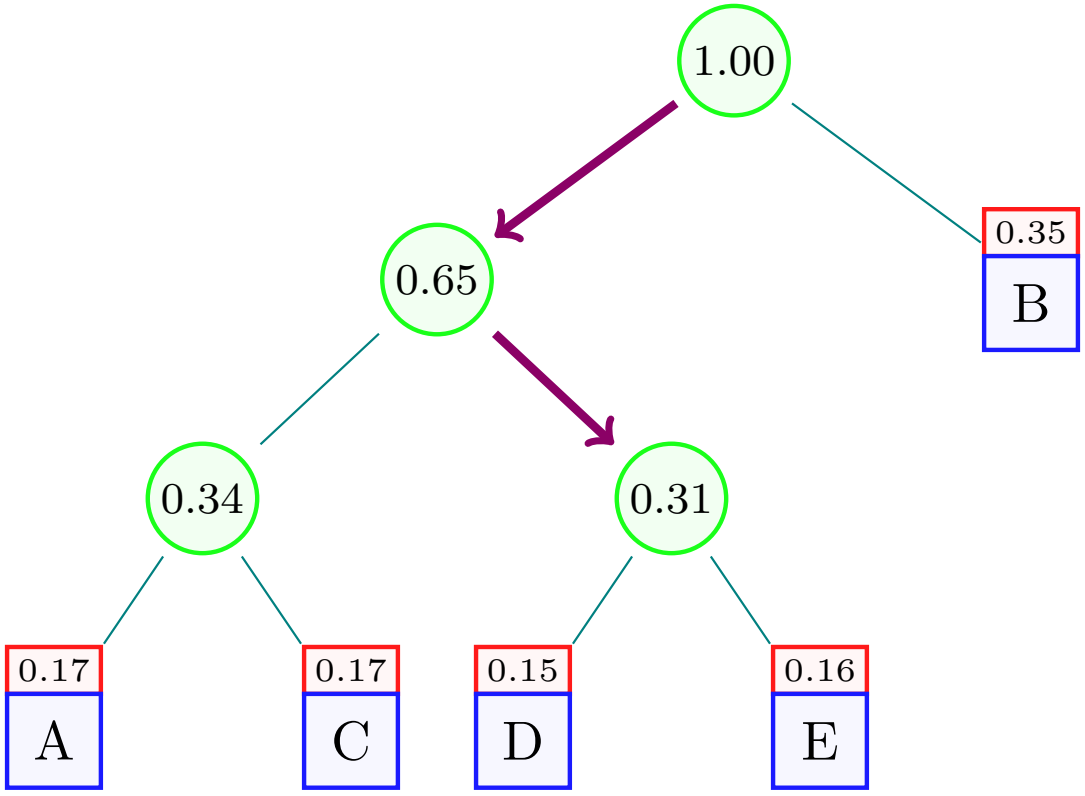

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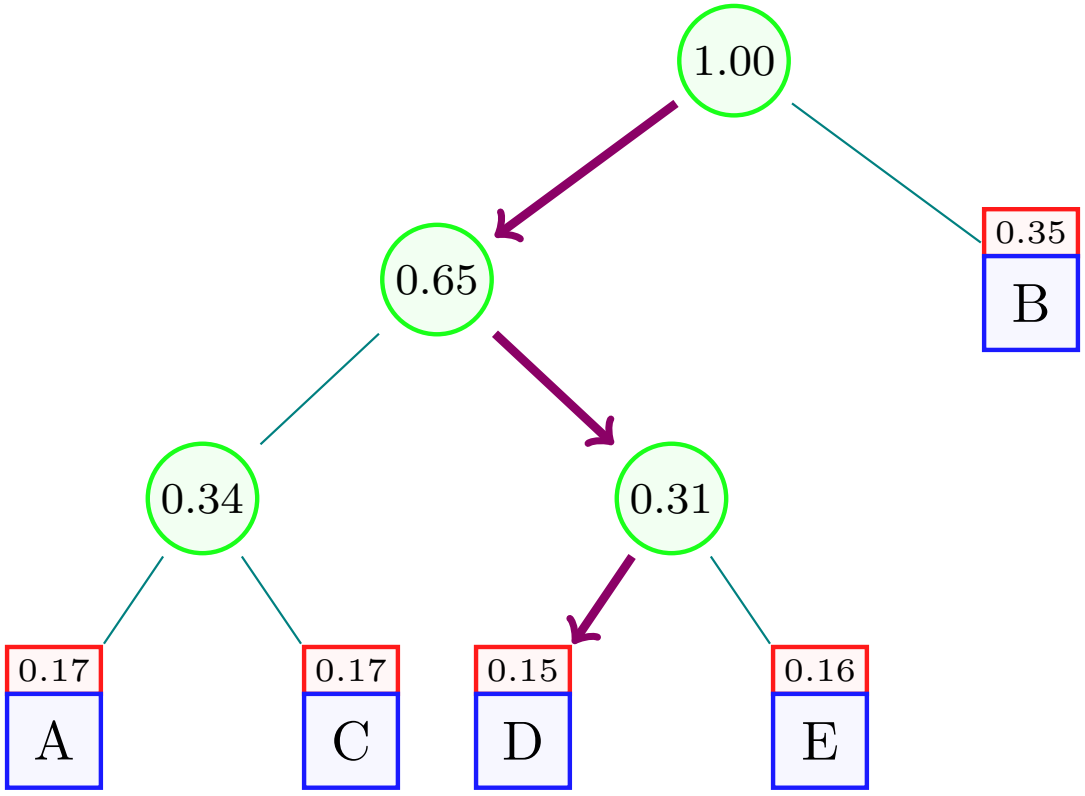

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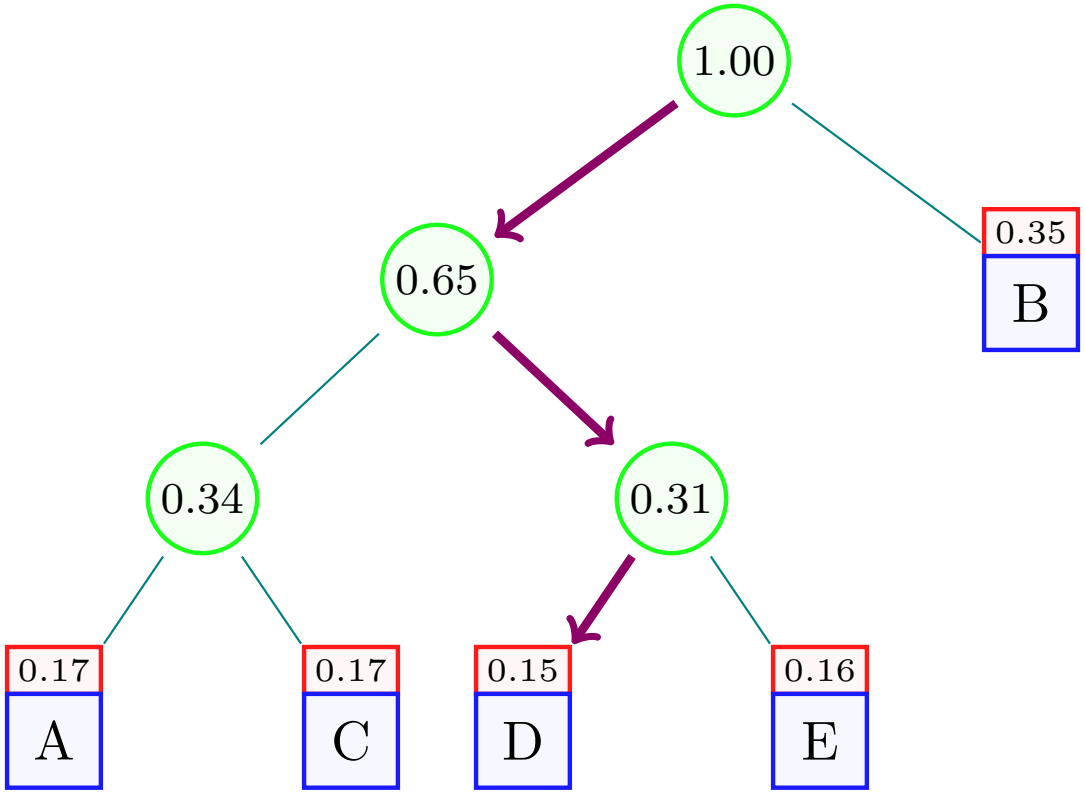
So, the binary encoding of 'D' = 010



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Similarly, we determine all the codes...

Letter	Binary Code
A	000
B	1
C	001
D	010
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