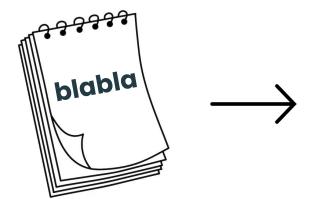
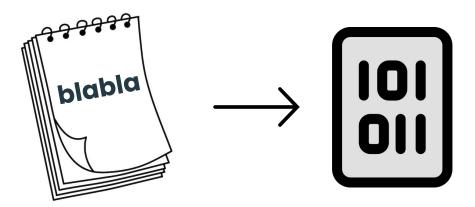
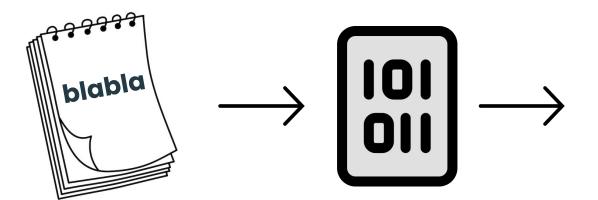
HUFFMAN COMPRESSION

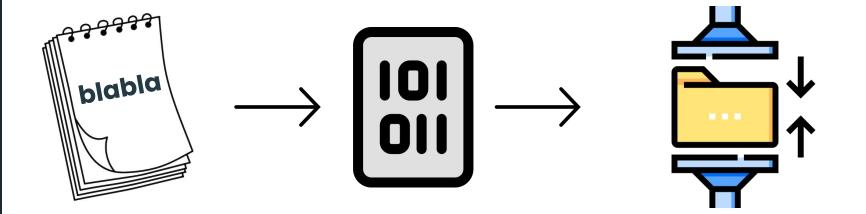
Hocine Mediani / Ilian Kraifi

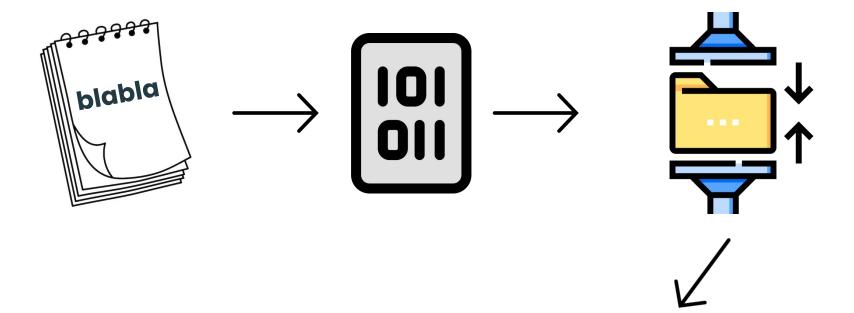


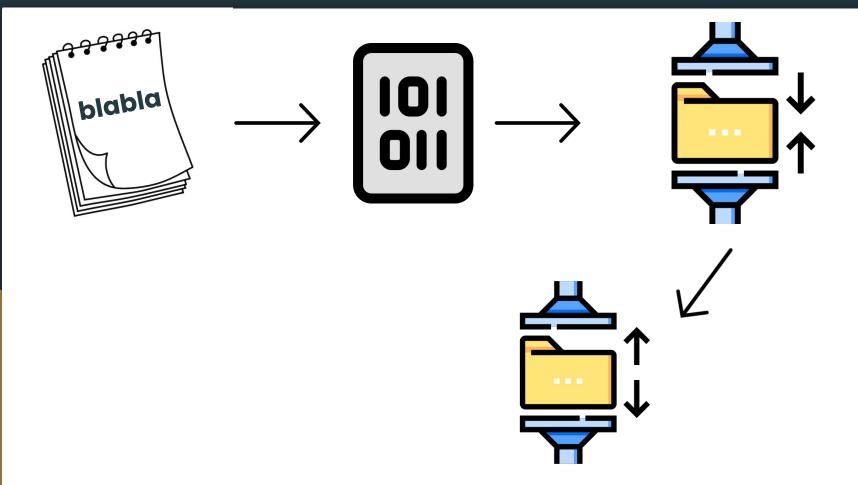


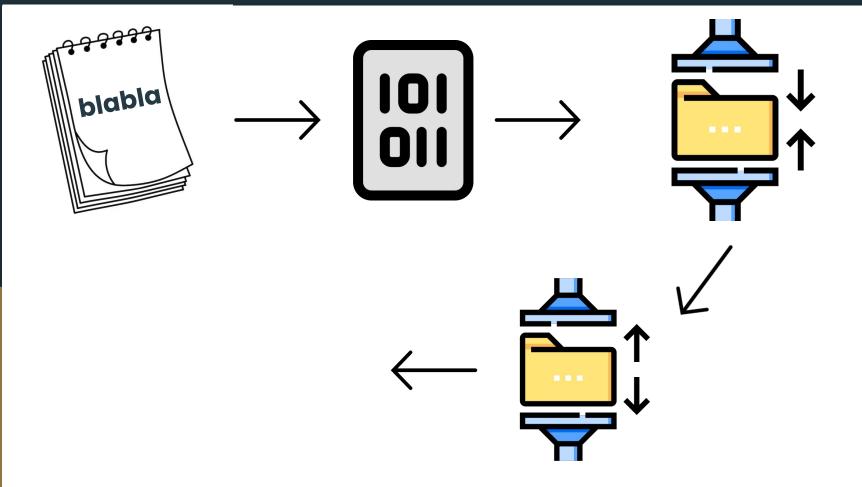


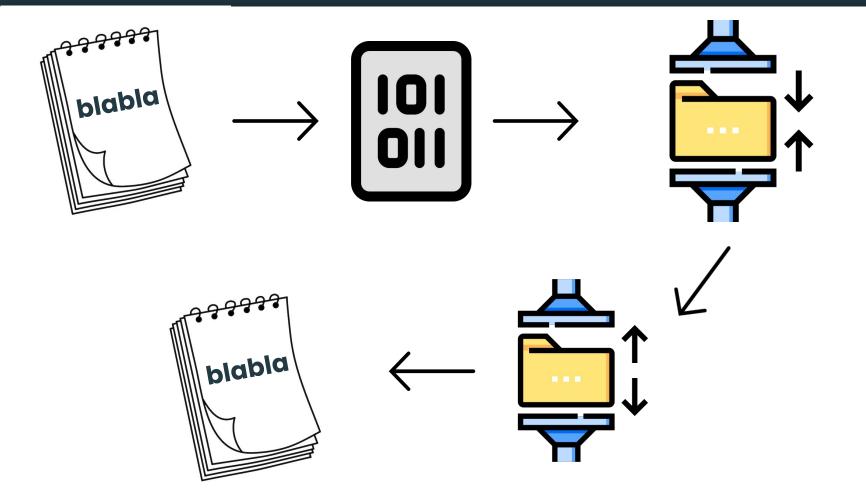




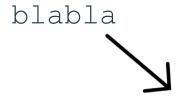


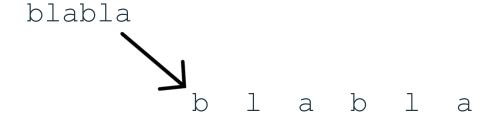


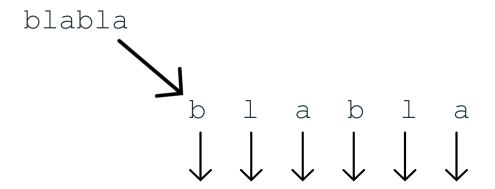


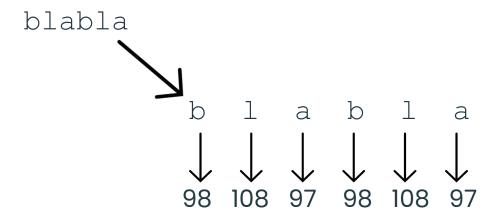


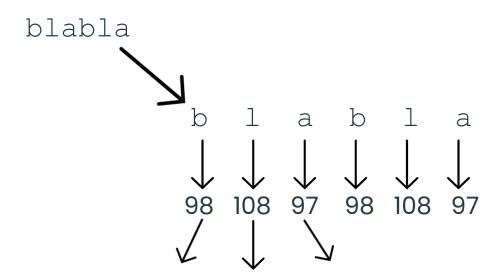
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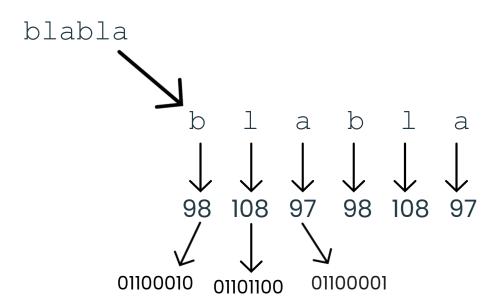


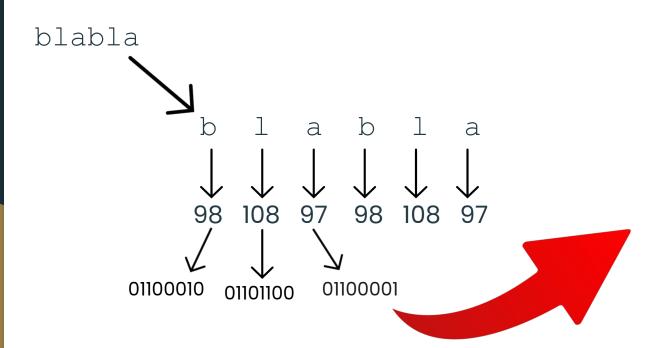


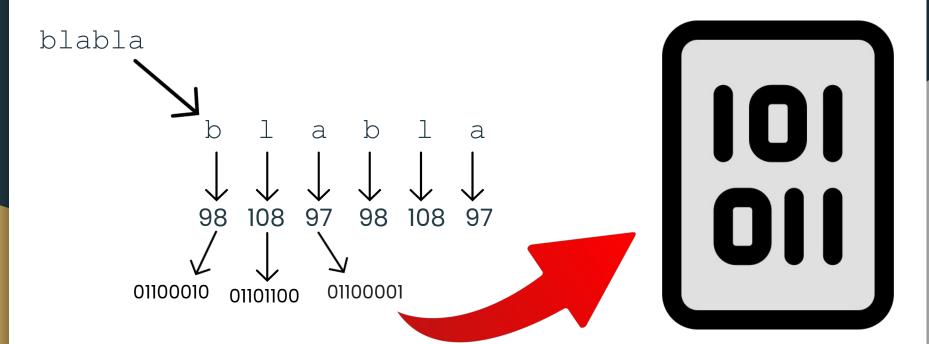






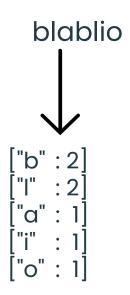


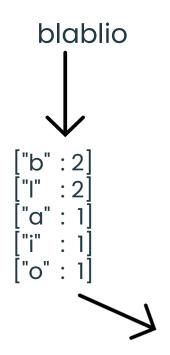


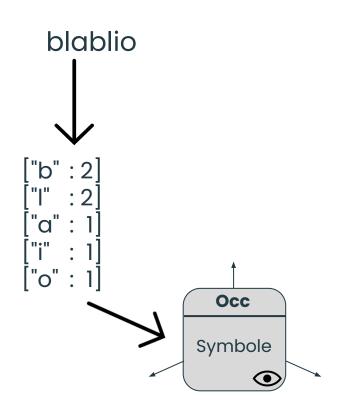


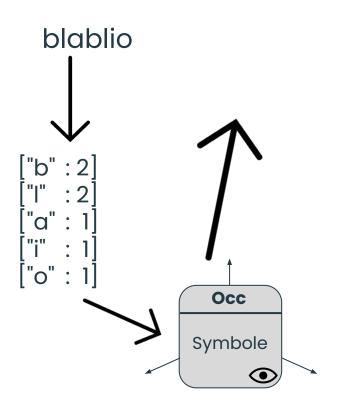
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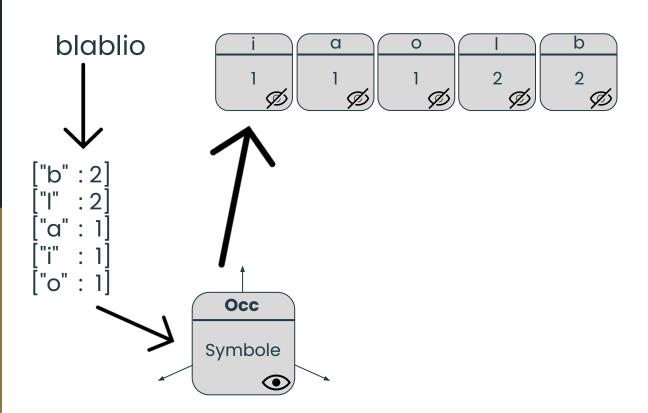


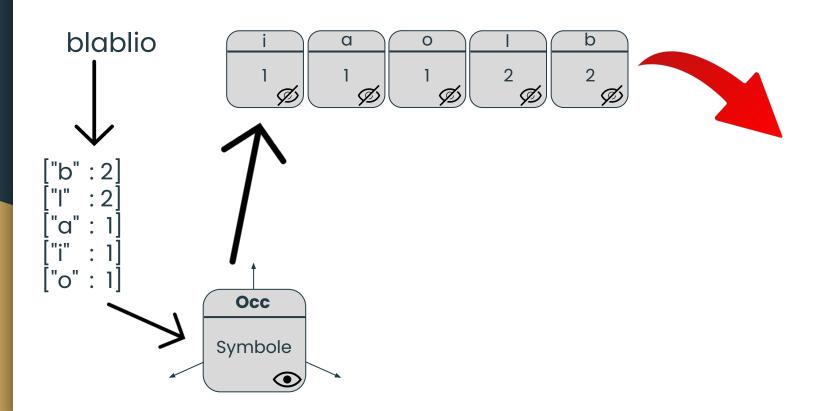


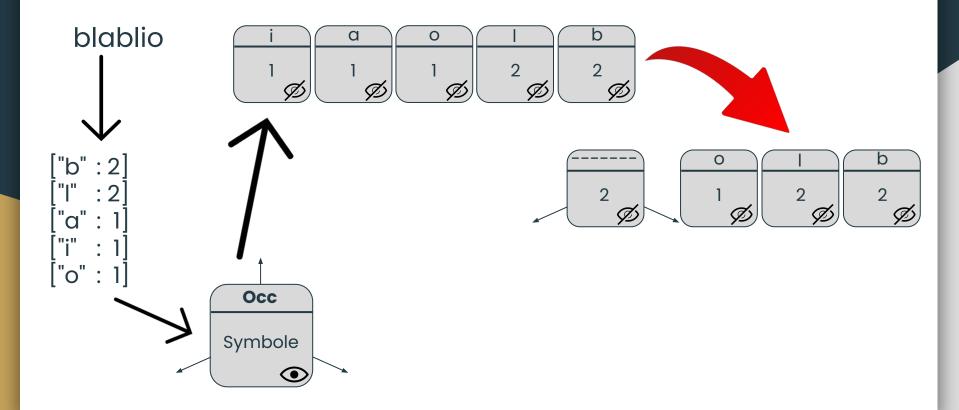


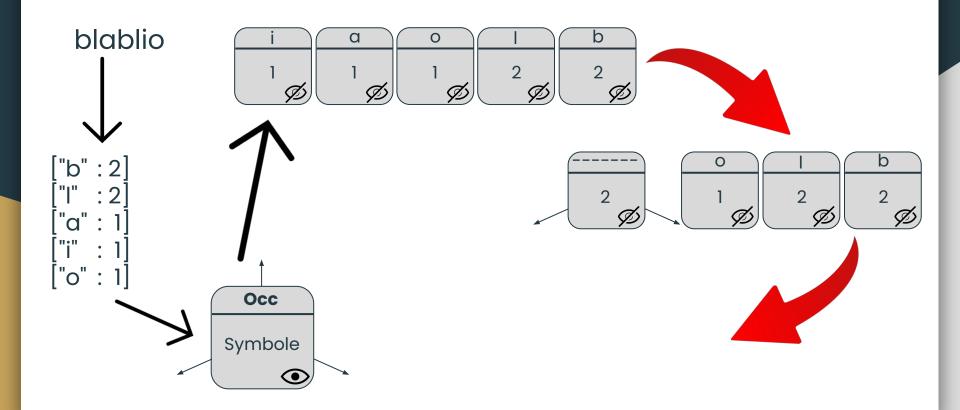


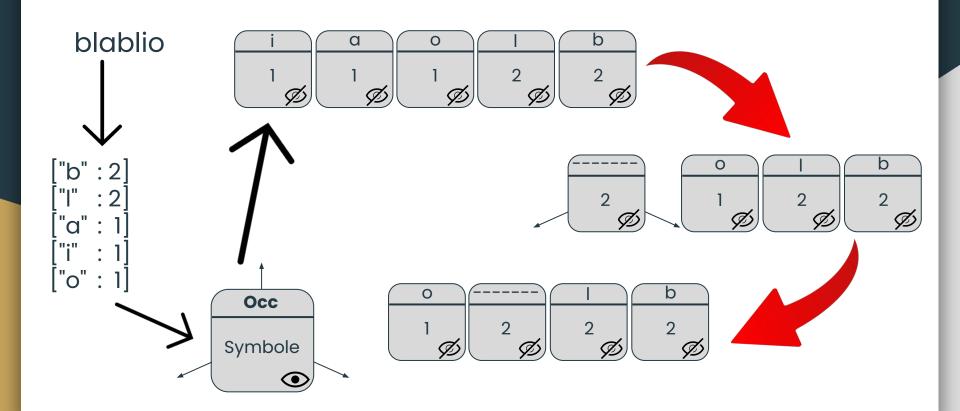


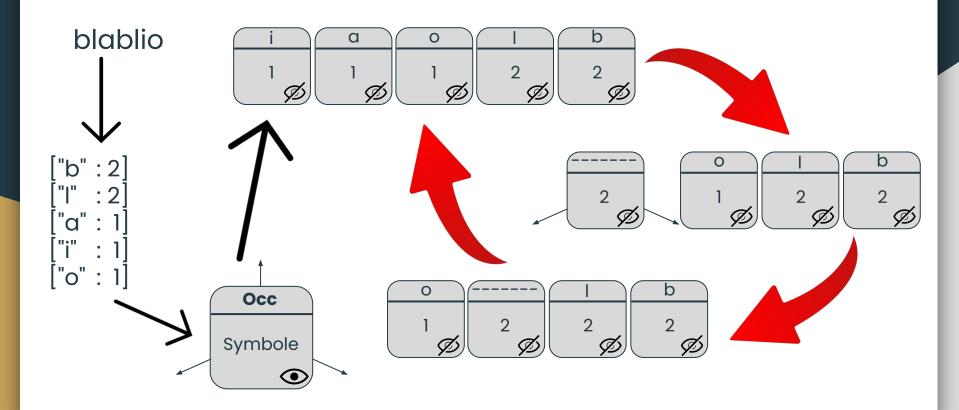


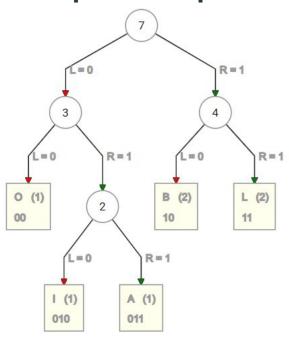


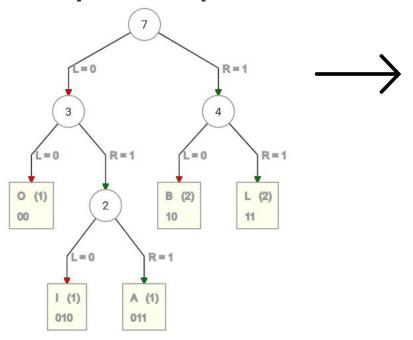


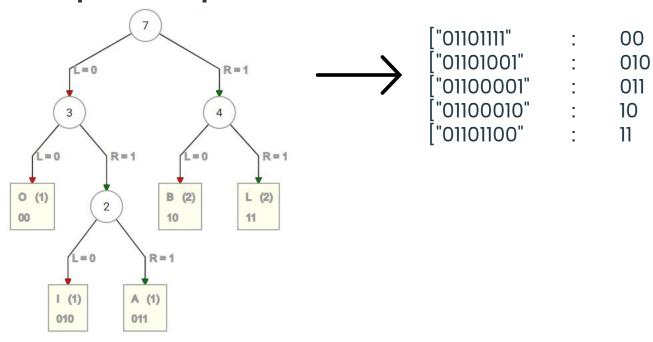


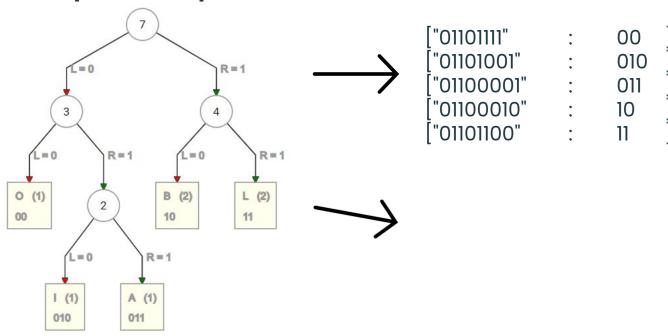


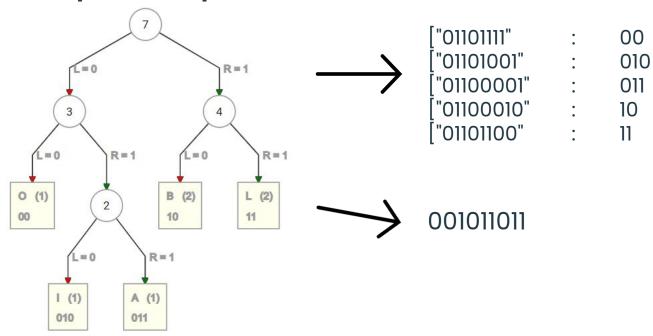


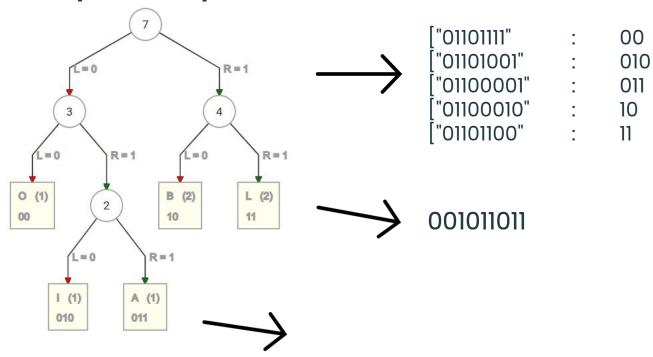


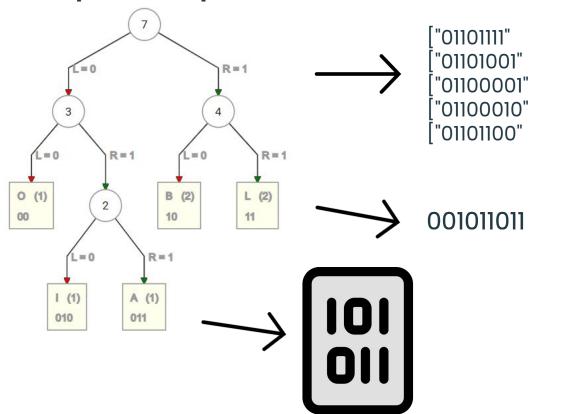


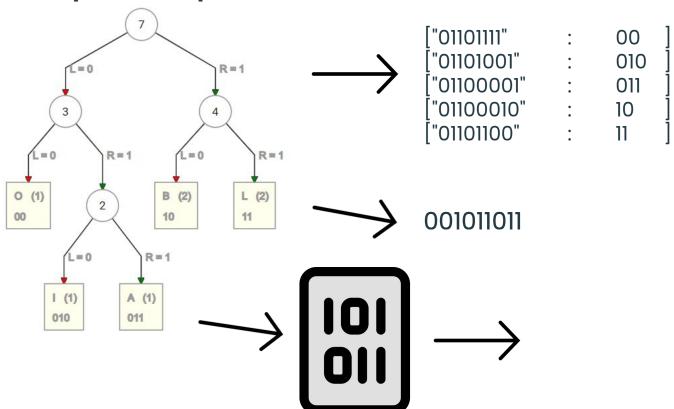


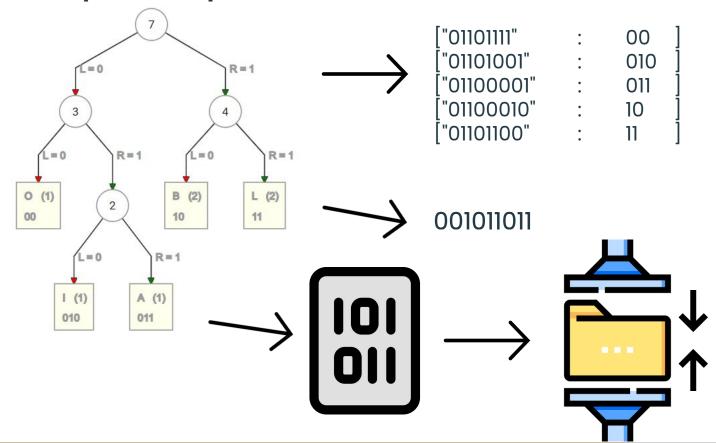


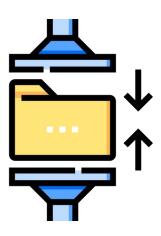


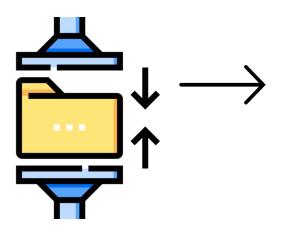


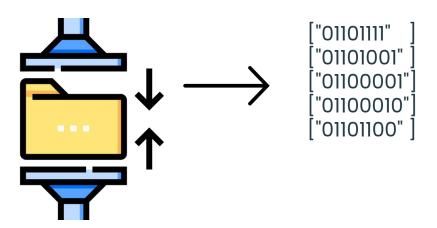


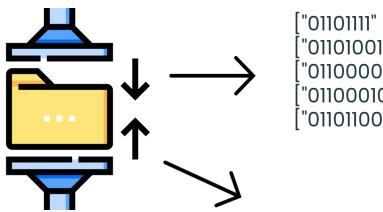




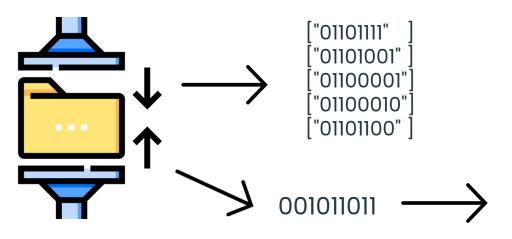


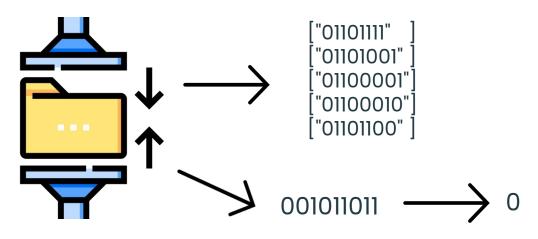


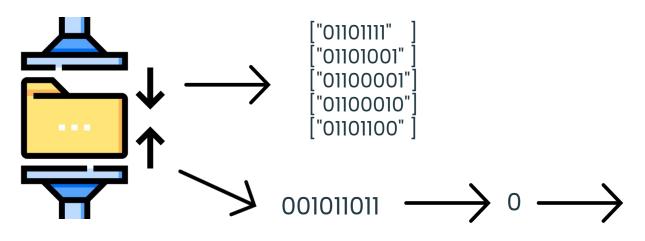


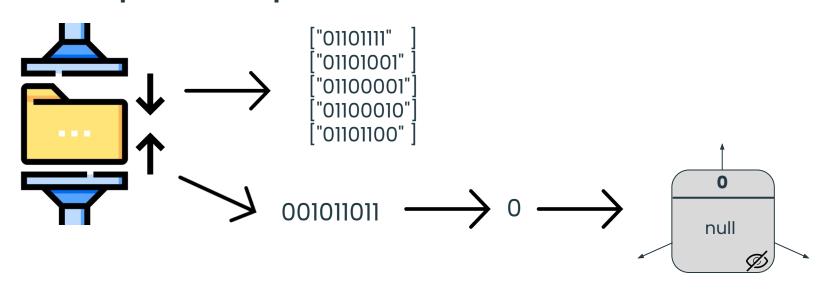


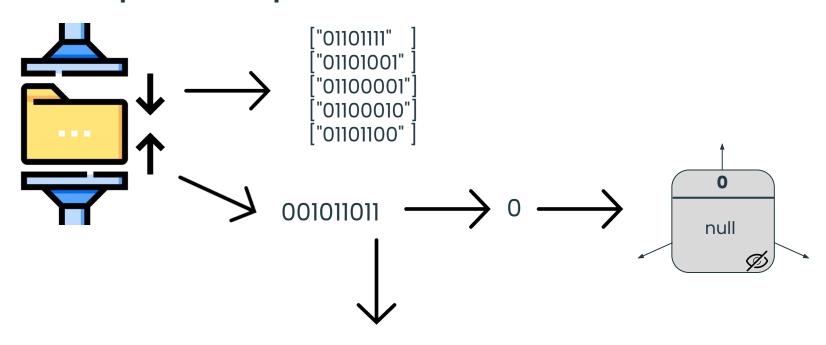
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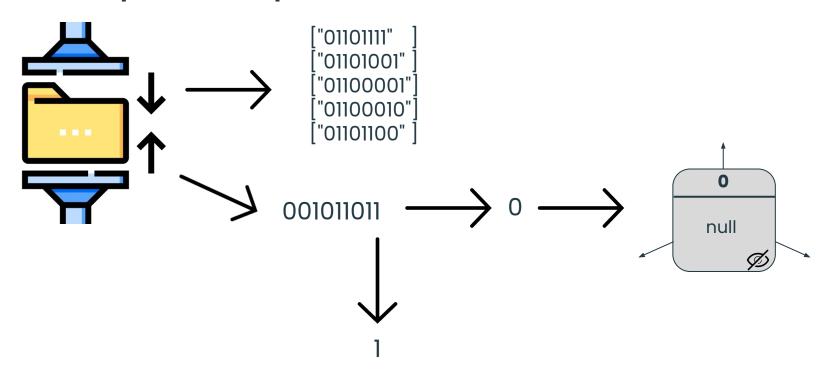


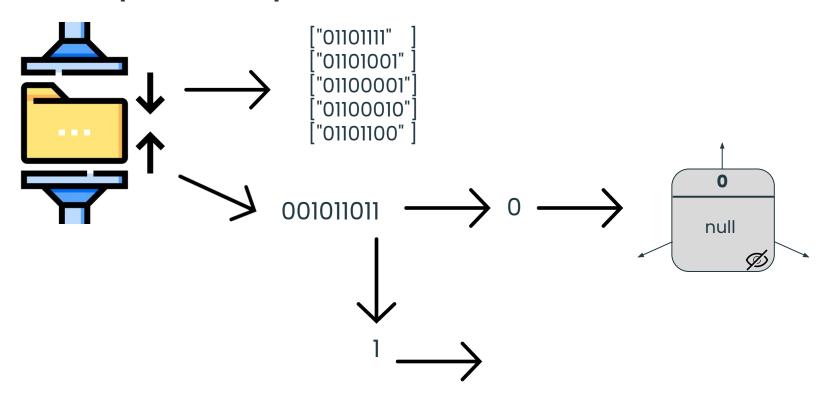


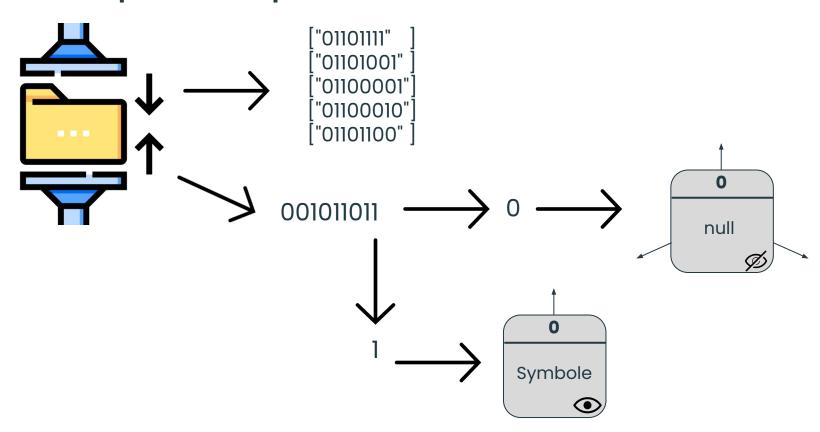


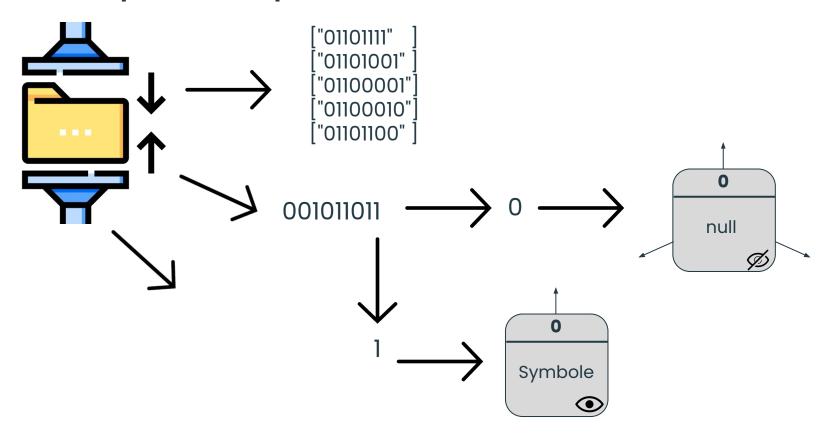


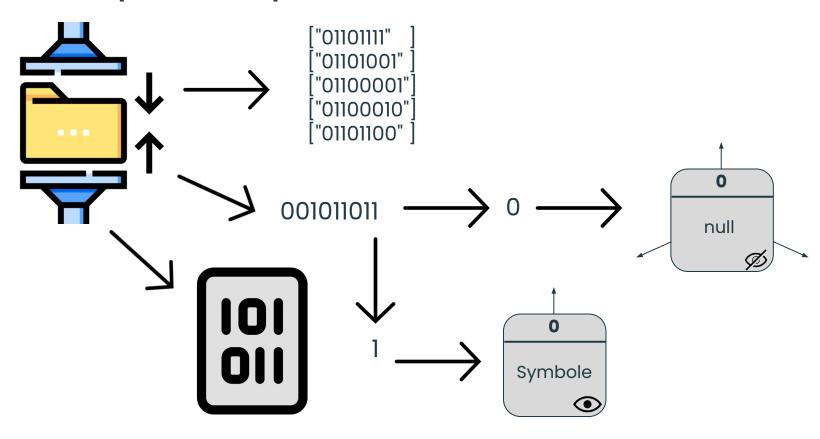




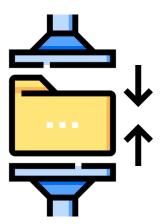


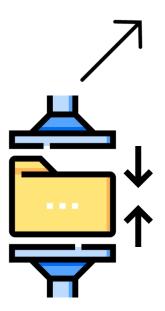




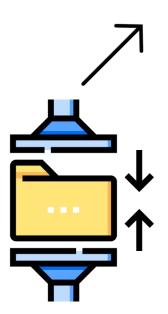


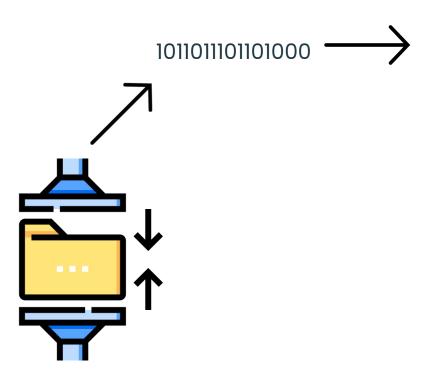
```
if infixString (countInfix) = '0' then
     rightChild := new treeNode' ("-----", 0, null, null, current, False);
     leftChild := new treeNode' ("-----", 0, null, null, current, False);
     current.leftChild := leftChild;
     current.rightChild := rightChild;
     toCall := leftChild;
     current.isSeen := True;
     current.symbol := symbolsArray (it);
     if current.parent.isSeen then
        while current is Seen loop
           if current parent = null then
           current := current.parent;
        end loop:
        current.isSeen := True;
        toCall := current.rightChild;
        toCall := current.parent.rightChild;
        current.parent.isSeen := True;
     end if;
     it := it + 1;
  countInfix := countInfix + 1;
  ReconstructHuffmanTree (it, countInfix, encodedFile, infixTree, toCall, symbolsArray);
end ReconstructHuffmanTree;
```

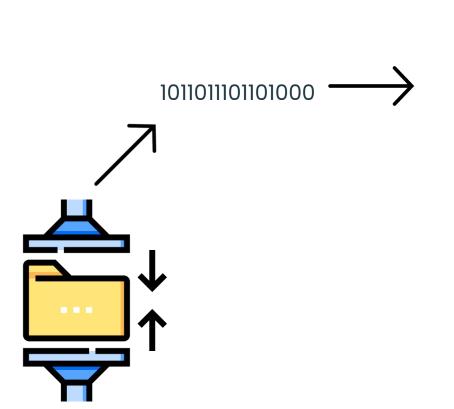


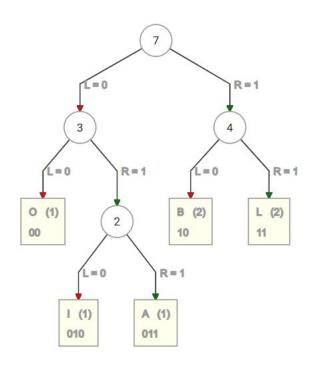


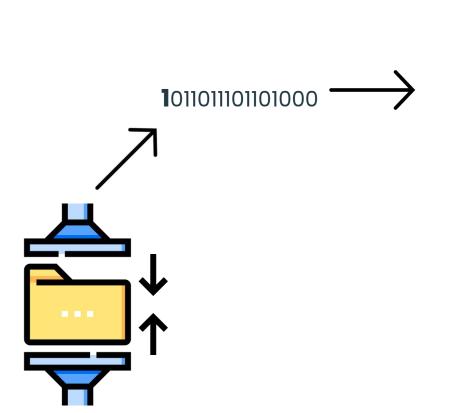
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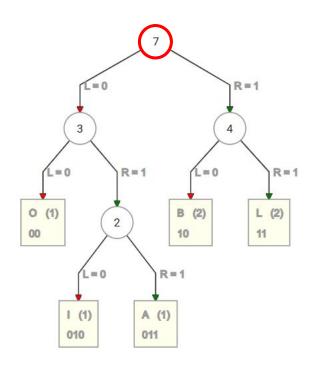


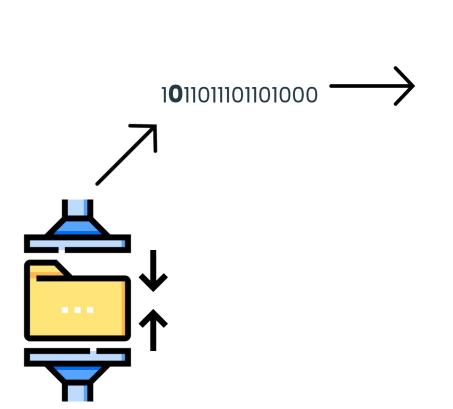


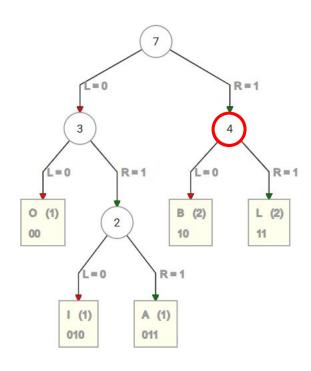


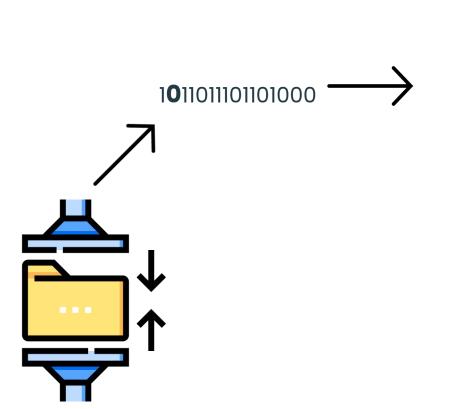


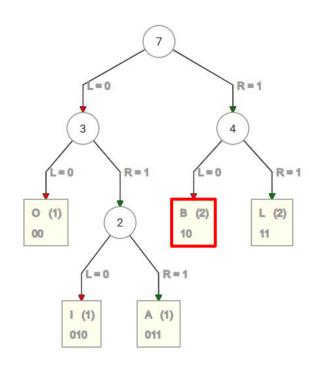


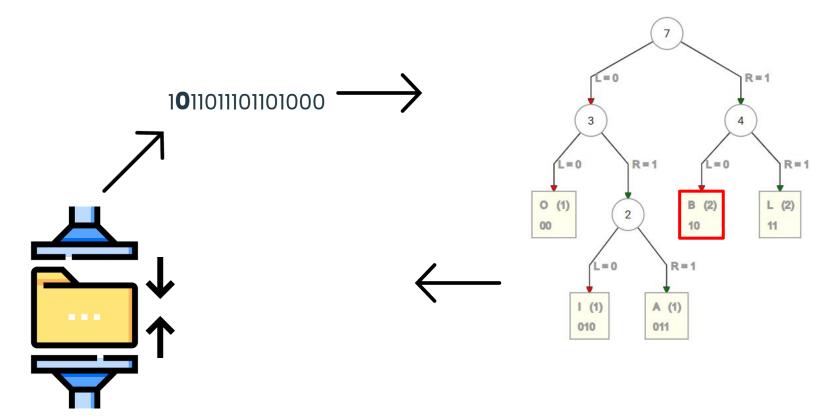


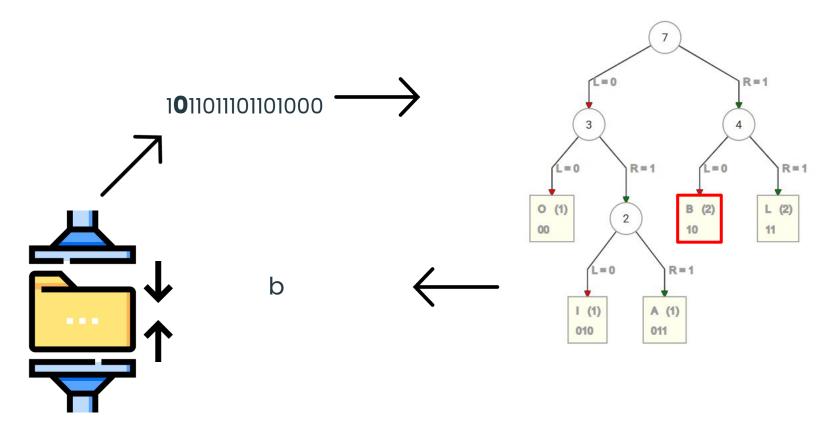


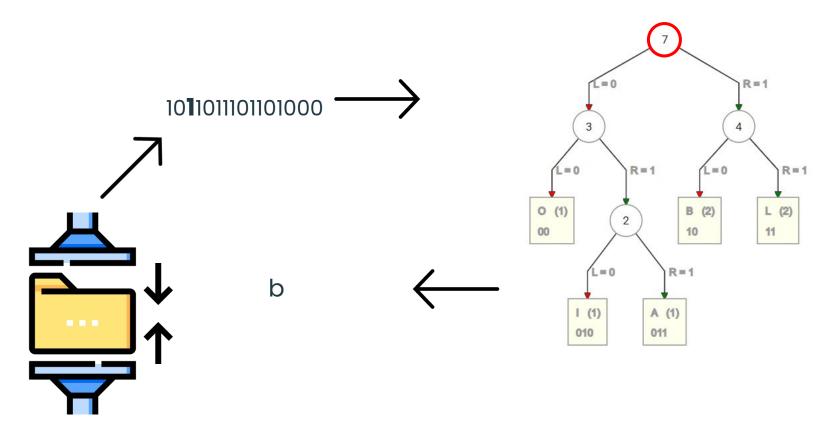


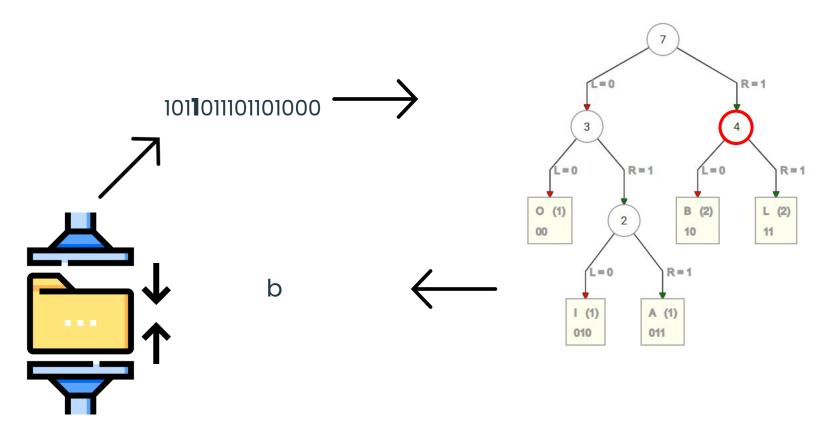


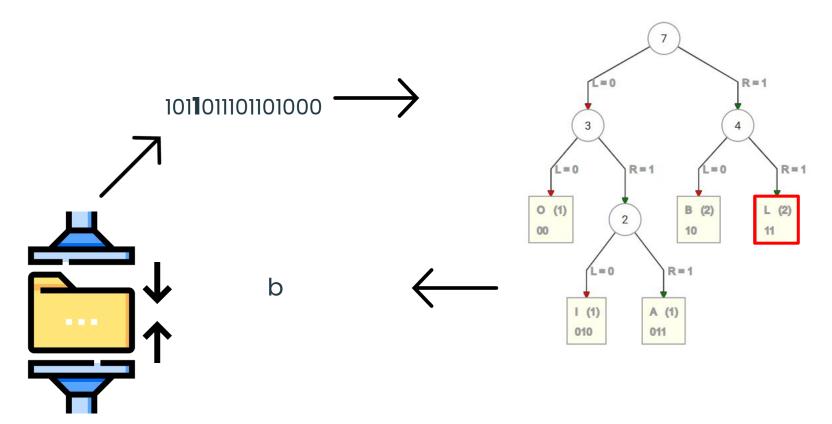


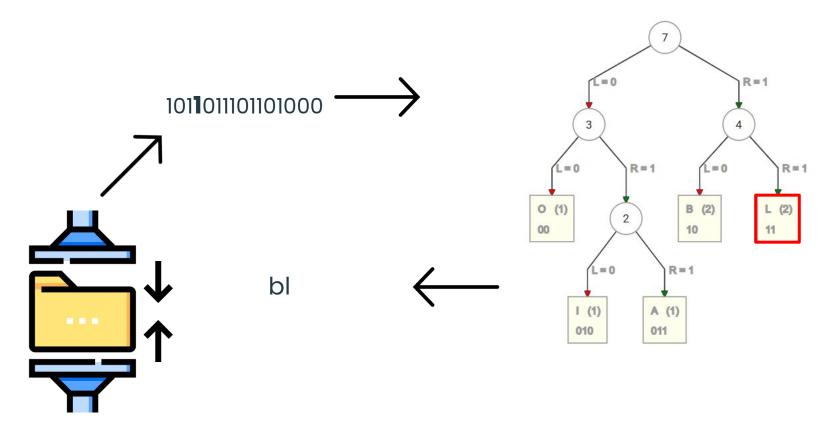


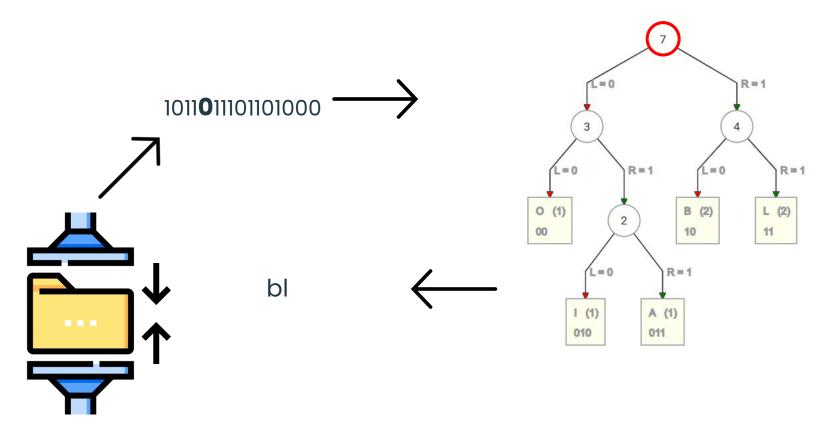


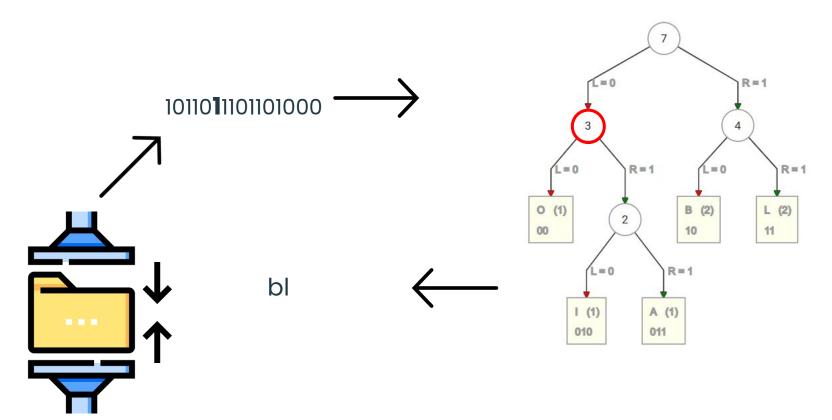


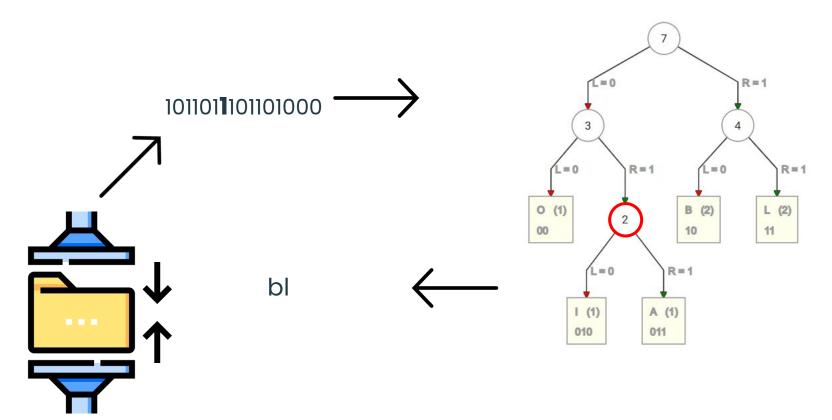


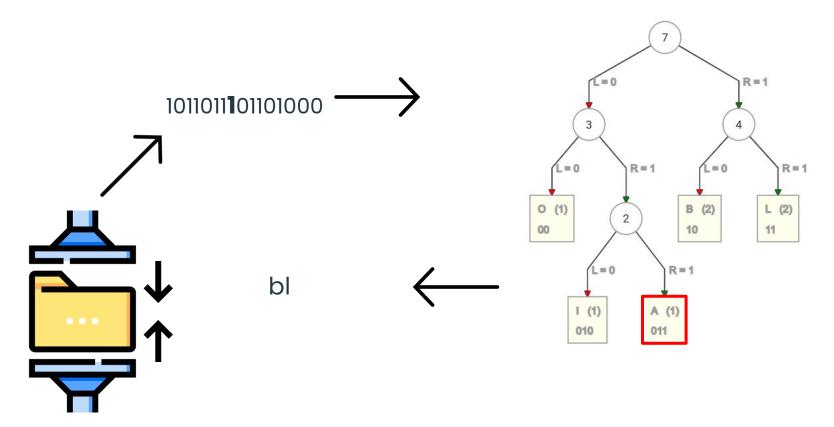


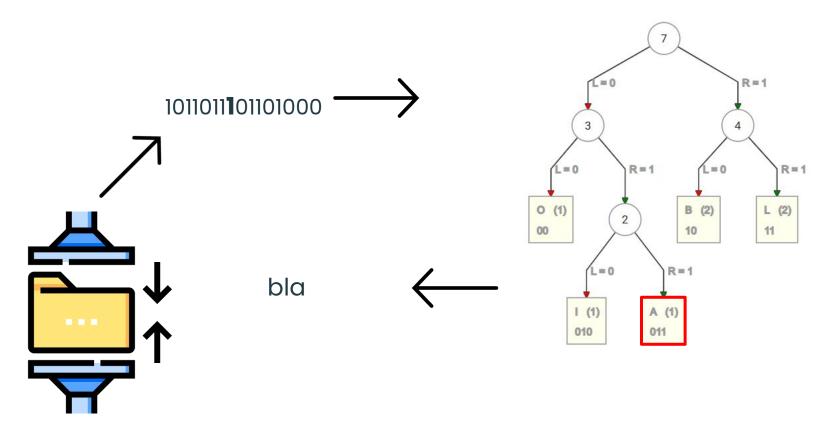


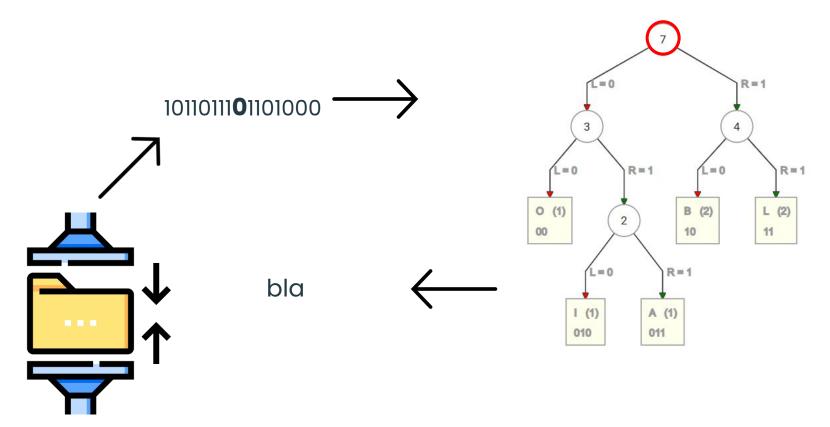


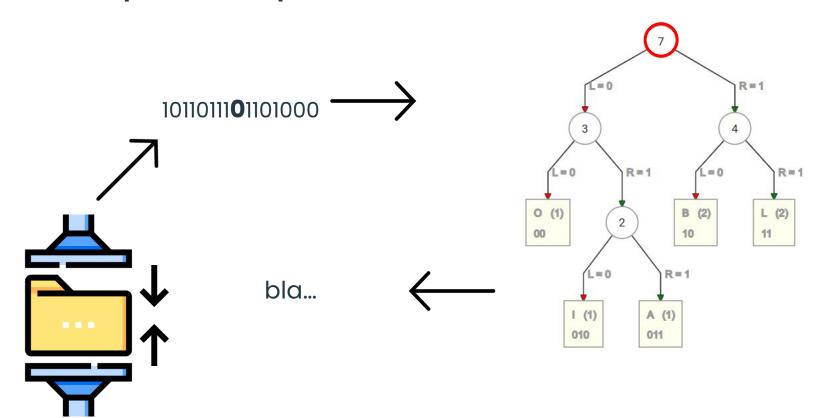


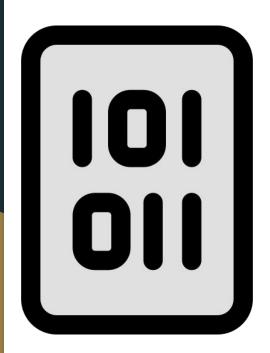


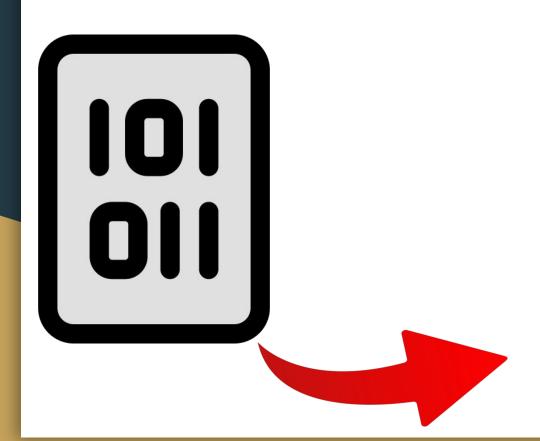


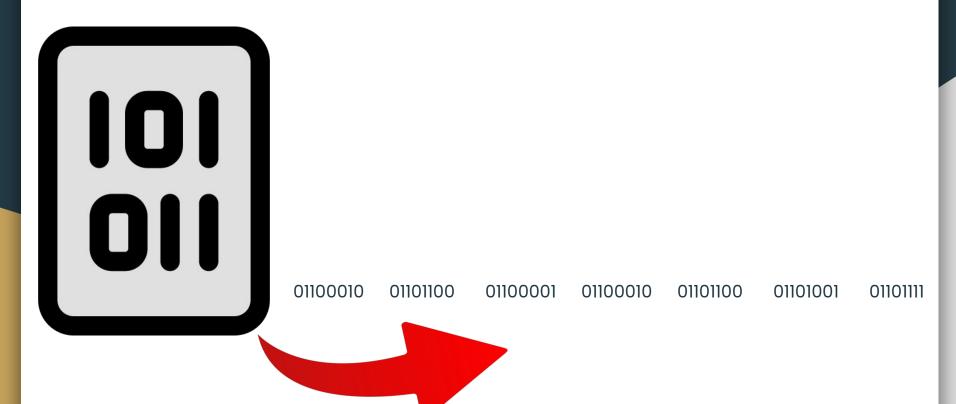


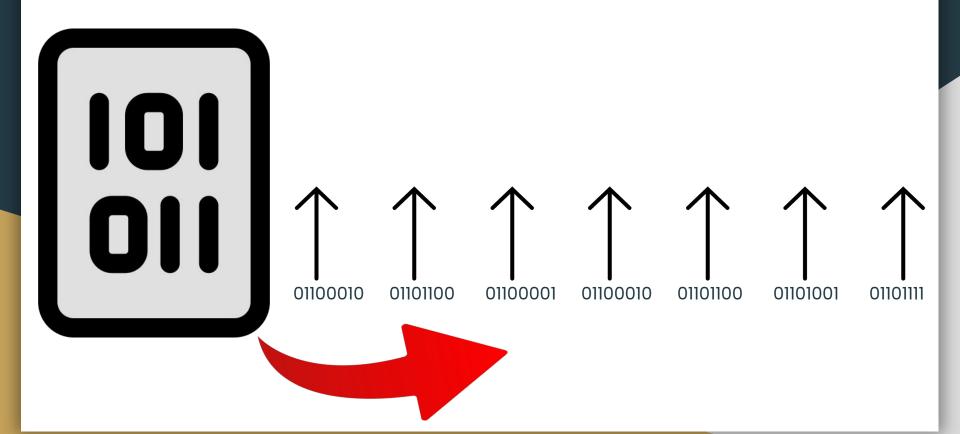


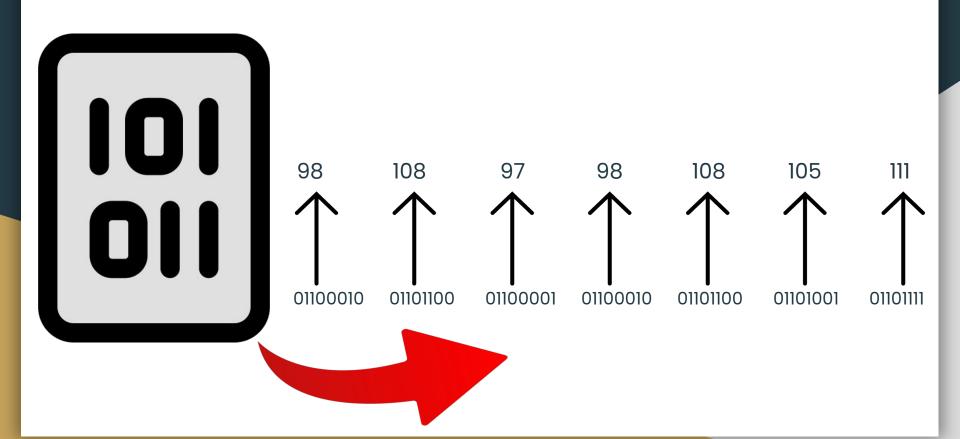


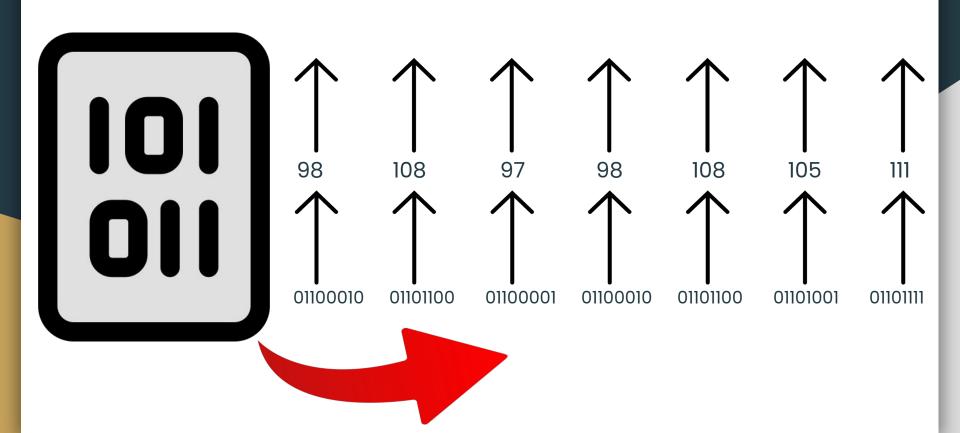


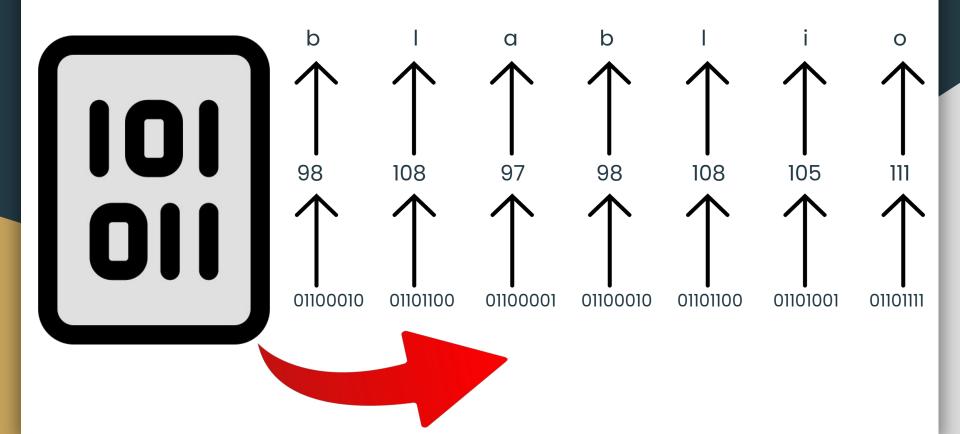












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