Reversing Data Using a Stuck def reverse file (filename): S = Array Stuck() original = open (filename) for line in original: 1/ re-lasert newlines S. push (line, rstrip ('/n')) original. close() I now overwrite with contents in LIFO // reopening overwrites file output = open (filename, 'w') while not S.is. empty(): output. Write (5.popl) + /n') // re-insert revillae output. close () Matching Parentheses & Tags Palgorithm for matching delimiters def is matched(expr): lefty = '[[[ righty = ')}]' S = Array Stuck() for c in expr: it c in lefty: // push left delimiter on stack S. push(c) elif c in righty: if S.is-empty() Il nothing to mutch with return false if righty.index(c) != lefty.index(S.pop()): // mismutched return False. // were all matched ? return S.is-empty()

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