

CS 305 Tutorial - 11

- 1) Construct a Turing machine for checking if a set of parentheses are well-formed.
 - 2) Design a Turing machine to find the 2's complement of a given binary number.
 - 3) Design a Turing machine that replaces all occurrences of '111' by '101' from a sequence of 0's and 1's.
 - 4) Design a Turing machine that recognizes strings containing equal number of 0's and 1's.
 - 5) Design a Turing machine that recognizes binary palindromes.
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