CSE 2321 WorkSheet 5 / Practicing for Exam 2

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March 18, 2022

Question 1.

[7 points] Use the recursion tree method to solve the recurrence $T(n) = 2T(n-1) + 1$.

Question 2.

[8 points] Use the recursion tree method to determine a good upper bound on each of the recurrence. $T(n) = T(n-1) + T(n/2) + n$.