
CSL202: Discrete Mathematical Structures
Tutorial/Homework: 01

1. Discuss Quiz problems (in case required).
2. Complete the proof of the statement “ 2^n is not $O(n)$ ”.
3. Problems from the book (7th Edition, Indian adaptation):
 - Section 1.5: 16, 23, 26, 27, 28, 29, 31, 34, 35.
 - Section 1.6: 25
 - Section 1.8: 23, 24, 33, 40
 - Supplementary exercises: 34, 40
4. Prove that $\log_3(10)$ is an irrational number.