

Computer Networks

SPRING 2024

Assignment#6 (6A)

Due Date: Thursday, 2nd May, 2024

Submission Mode & Time: Handwritten solutions to be submitted during the lecture.

Please note the following:

1. No exceptions to the above date and time will be allowed. Inability to submit the assignment by the required time will result in zero marks.
2. To ensure self-completion of assignments and discourage plagiarism, the instructor or the relevant TA may randomly contact you and ask for an explanation of your answers. Where plagiarism and/or cheating is evident, you will be referred to the departmental disciplinary committee. In extreme cases of plagiarism an F may be awarded immediately with further referral to university disciplinary committee.
3. All solutions must be **hand-written**.
4. **Assignment Solution Submission:** In case of **in person / physical lectures at the campus**, hard copy of the hand-written assignment's solutions will be submitted by **hand** by each student to the Instructor / TA directly during the lecture on the due date.

PART-1

Use the following text for completion of this part of the assignment:

Computer Networking - A Top-Down Approach 8th Edition by Kurose & Ross.

Solve the following problems from the back of **Chapter 6**.

Problems: (8 * 5 = 40 Marks)

[CLO 3]

P5, P6, P14, P22, P26

IMPORTANT NOTE: Show proper calculations, or marks will be deducted. So, don't simplify mathematical formulation(s)