

**EE4204 Computer Networks (Part 1)**  
**Socket Programming Assignment (Sem2, 2021-22)**

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**Graduate Assistants (GAs):** Mr. Kang Zhenyu ([zhenyu\\_kang@u.nus.edu](mailto:zhenyu_kang@u.nus.edu)) and  
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**Lab Session and Document Details**

(Week 9: 15 March 2022 (Tuesday), 16 March 2022 (Wednesday) and 17 March 2022 (Thursday))

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1. The lab practice sessions are scheduled during in week 9 during 9 am-12 noon on Tuesday, Wednesday, and Thursday.
2. Demo sessions will be scheduled in week 13 and the details will be posted later.
3. The sessions are zoom-based. The zoom meeting details are available in LumiNUS
4. The complete set of lab material is posted separately as a zipped file with the following documents.
  - a. Lab assignment problem
  - b. Brief course material
  - c. Assessment details
  - d. Example programs
  - e. Ubuntu and virtual box installation instructions to create Linux environment to run example programs (and your assignment solution)
  - f. Powerpoint presentation material explaining the basics of socket programming and the given example programs
5. If you wish to develop your assignment solution using other languages and OS, you are free to do so.
6. You can run the example programs (both client and server) within a single computer.
7. In the beginning of a session, there will be a briefing session with the presentation by a GA explaining the example programs and the assignment problem.
8. Feel free to consult the GAs for necessary assistance to clarify your doubts.
9. You are assigned to a practice session as per your Group number which is the same as your CA1 test group number. The Group G1, G2, and G3 students shall attend the lab session on Tuesday, Wednesday and Thursday, respectively. You need to attend your session at least for one hour. If you have an overlapping lecture for the entire session of 3 hours, you can inform the GA and join another session. Attending at least one session (for at least one hour) is **COMPULSORY**.