

COSC 264 Assignment

Andreas Willig
Dept. of Computer Science and Software Engineering
University of Canterbury
email: andreas.willig@canterbury.ac.nz

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1 Administrivia

This assignment is part of the COSC 264 assessment process. It is worth 20% of the final marks. It is a programming project in which you develop applications building on the socket interface. You will work in groups of two persons (more on that below). You can use Python, Java, Matlab, C or C++, other languages require my permission (basic requirement is that we can read the language). Your program should be a text-mode program, no extra marks will be given for graphical interfaces.

It is quite likely that the problem description below leaves a lot of things unclear to you. Please do not hesitate to use the “Question and Answer Forum” on the Learn platform for raising and discussing any unclear issues. Please **do not** send emails with technical questions directly to me or the tutor, instead use the learn forum. This way other people can benefit from the question (and the answer).

In the following I am going to assume that you work under Linux on the command line, as I am going to mention a few tools that are available there. You are free to choose your development environment as you see fit, but please note that I have no development experience whatsoever under Windows or Mac OS X, and I am not in a position to help you there.

2 Pair Work

An important sub-goal of this assignment to give you some pair-work experience. The rules around this are as follows:

- You are expected to work in groups of two persons, submissions of larger groups will not be marked.