

## **Problem Set 1**

CPSC 629 Analysis of Algorithms

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**The assignment is due next Monday, before class.**

Solve exercises 2.1 – 2.13 given in the lecture notes. Almost all of them are trivial and can be solved within a very short time. You should refresh your knowledge about hermitian products, norms, and unitary matrices. If you have time, then read pages 60–74 in Nielsen and Chuang.