

INDIVIDUAL HOMEWORK 5, CPSC 421/501, FALL 2024

JOEL FRIEDMAN

Copyright: Copyright Joel Friedman 2024. All rights reserved. Free to download for personal research and education needs (but see Disclaimer below). Otherwise not to be copied, used, or revised without explicit written permission from the copyright owner.

Disclaimer: The material may sketchy and/or contain errors, which I will elaborate upon and/or correct in class. For those not in CPSC 421/501: use this material at your own risk...

Please note:

- (1) You must justify all answers; no credit is given for a correct answer without justification.
 - (2) Proofs should be written out formally.
 - (3) You do not have to use LaTeX for homework, but **homework that is too difficult to read will not be graded.**
 - (4) You may work together on homework in groups of up to four, **but you must write up your own solutions individually and must acknowledge with whom you worked.** You must also acknowledge any sources you have used beyond the textbook and the articles on the class website.
- (1) Exercise 9.2.39 on the handout “Uncomputability in CPSC421/501.”

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, BC V6T 1Z4, CANADA.

Email address: jf@cs.ubc.ca

URL: <http://www.cs.ubc.ca/~jf>