

**Problem Set 3**  
CPSC 311 Analysis of Algorithms  
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**The assignment is due next Wednesday, September 27, before class.**

Solve the following exercises from the textbook; note that the book distinguishes between problems and exercises.

- Exercise 6.3-3
- Exercise 6.4-1
- Exercise 6.4-2
- Exercise 6.4-3
- Read chapter 6 and chapter 9.

Type your answers in  $\text{\LaTeX}$ .