

Homework 9**University of Pittsburgh – Computer Science****Department****CS441 – Discrete Structures for Computer Science**

*Instructor: Dr. Litman***Counting/Pigeonhole****Assigned:** April 1**Due:** April 8

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1. Print a copy of this sheet and include it as a cover page for the hw.
 2. Do the following exercises from Section 5.1 in the text, beginning on page 344
 - 12
 - 16
 - 24
 - 30
 - 42
 3. Do the following exercises from Section 5.2 in the text, beginning on page 353
 - 2
 - 4
 - 14
 - 18
 - 40
 4. Do the following exercises from Section 5.3 in the text, beginning on page 360
 - 2
 - 4
 - 6