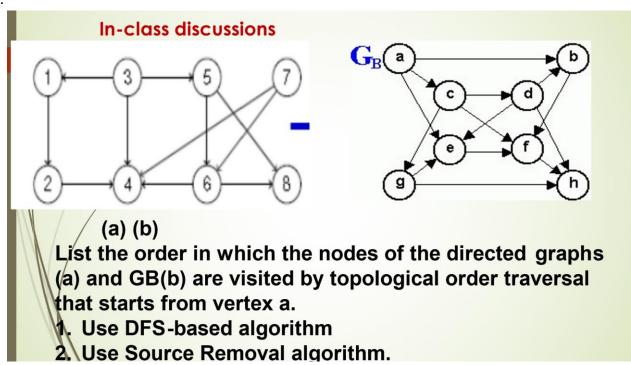
1.



2.

In-class exercises	31	42
Multiply 14 by 850 by means of the	10	126
Russian Peasant Multiplication algorithm	3	378
vanov the Russian Peasant likes to do things	1	<u>1134</u>
by threes instead of by twos. He		1302
multiplies 31*42 like this.		
Describe his method. Try it for other problems,		
starting with 30*42. Does it appear to be sound? Can this type of Russian Peasant		
Multiplication be used to convert base ten		
numbers to base three? Give reasons		
Adapted from: A. Levillin "Introduction to the Design & Analysis of Algorithms," 3rd ed., Ch. 2 © 2012 Pearson Education, Inc. 1	Upper Saddle River, NJ.	

3.

