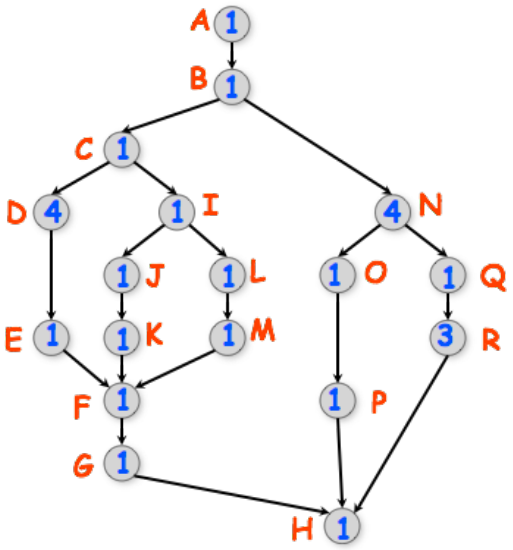
COMP 322: Fundamentals of Parallel Programming (Spring 2018)
Instructors: Mack Joyner, Zoran Budimlić,
Worksheet 3: due at end of class today

Name: _____ **Netid:** _____

Honor Code Policy for Worksheets: You are free to discuss all aspects of in-class worksheets with your other classmates, the teaching assistants and the professor during the class. You can work in a group and write down the solution that you obtained as a group. If you work on the worksheet outside of class (e.g., due to an absence), then it must be entirely your individual effort, without discussion with any other students, and you must turn in your worksheet before the start of the next lecture. If you use any material from external sources, you must provide proper attribution.

Multiprocessor Scheduling

Create a greedy schedule for the graph below on P=2 processors, analogous to the 3-processor schedule shown in slide 7. What is the completion time for your schedule? How does it compare with the CPL and the WORK/P values for the graph?



Start time	Proc 1	Proc 2
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		