MATH F113X: Scheduling with Priority Lists

Goal Learn how to construct a schedule, given a priority list and **document your thinking.** Learn strategies for making a priority list.

1. Create an associated digraph. Find a critical path and critical time.

label/task	time	dependence
A	2	
B	1	
C	3	
D	4	A
E	6	A,B
F	8	B,C
G	5	E,F

2. Construct a schedule with two processors using the prioritized list below.

$$F \quad E \quad G \quad D \quad C \quad A \quad B$$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20