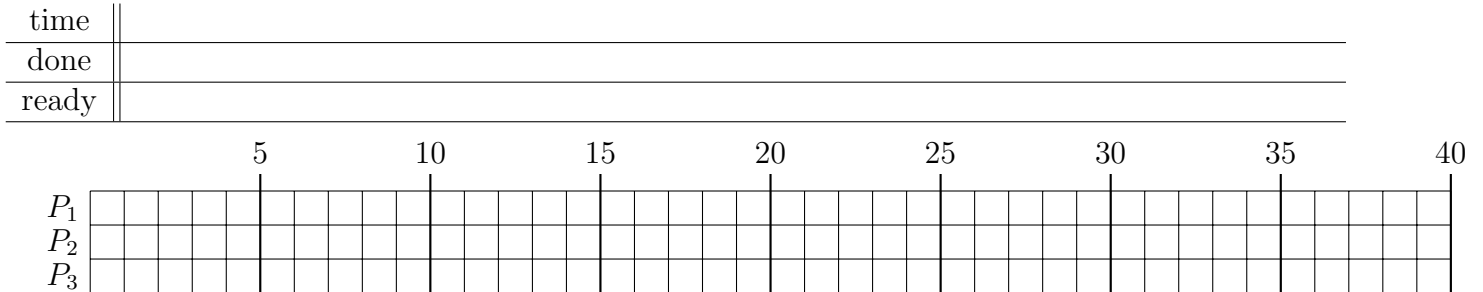
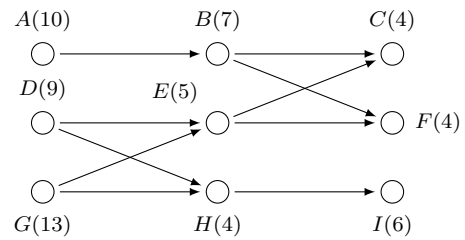


- (c) Here's the digraph again. Create a schedule using the same priority list

$A, B, C, D, E, F, G, H, I$

assuming you have three processors.



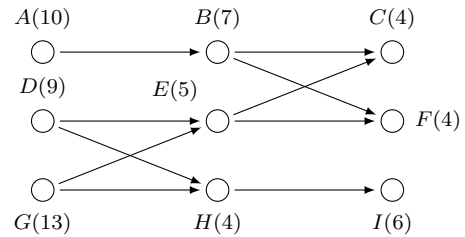
- (d) How does the time to completion compare with using two processors?

How does the idle time compare?

- (e) What is the critical path for this digraph? _____

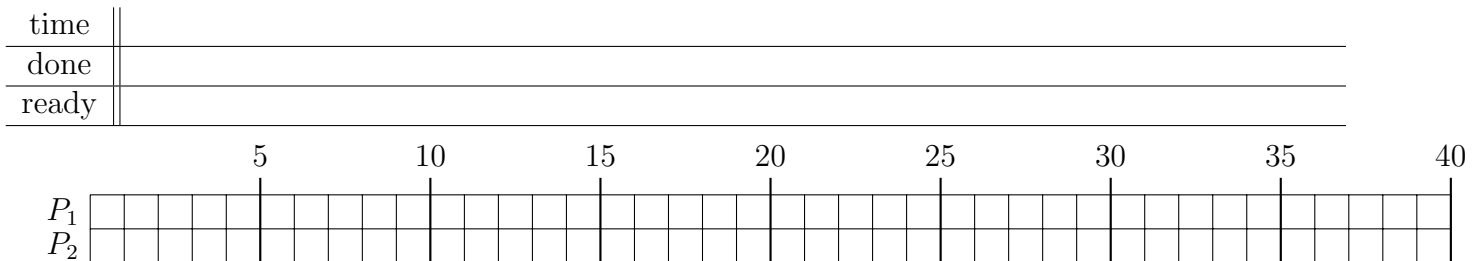
Have you found an optimal schedule? How do you know?

- (f) The Decreasing Time Algorithm says: Create the priority list by listing the tasks in order from longest completion time to shortest completion time.



What priority list do you get if you prioritize the tasks using the Decreasing Time Algorithm?

- (g) Create a schedule using the priority list you just found using the Decreasing Time Algorithm, assuming you have only two processors. How long does it take? _____



How does it compare to your previous schedule?