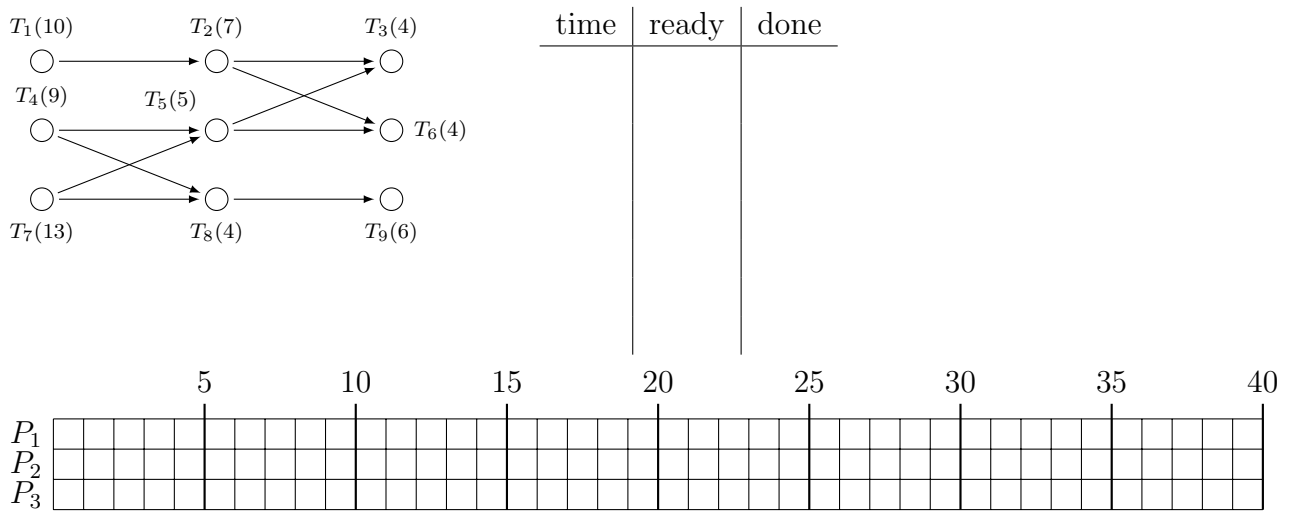


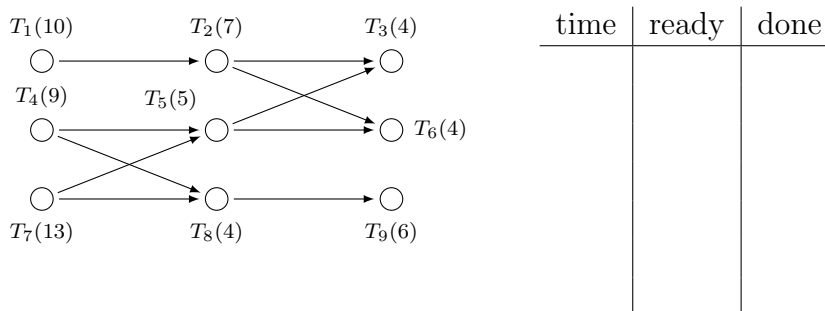


- $$T_1, T_2, T_3, T_4, T_5, T_6, T_7, T_8, T_9$$

Figure 1 shows a directed graph with 9 nodes and 10 edges. The nodes are labeled  $T_1(10)$ ,  $T_2(7)$ ,  $T_3(4)$ ,  $T_4(9)$ ,  $T_5(5)$ ,  $T_6(4)$ ,  $T_7(13)$ ,  $T_8(4)$ , and  $T_9(6)$ . The edges are:  $T_1 \rightarrow T_2$ ,  $T_2 \rightarrow T_3$ ,  $T_2 \rightarrow T_6$ ,  $T_4 \rightarrow T_5$ ,  $T_4 \rightarrow T_6$ ,  $T_5 \rightarrow T_6$ ,  $T_7 \rightarrow T_8$ ,  $T_8 \rightarrow T_9$ ,  $T_7 \rightarrow T_5$ , and a self-loop on  $T_5$ .



- (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?

- 

2