

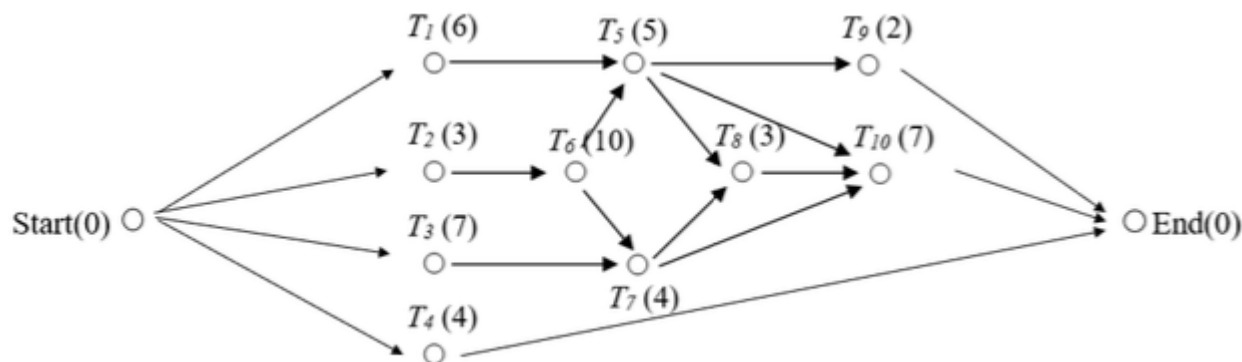
Math 140: Chapter 2 Scheduling Section 2.3 Decreasing Time Algorithm

Next, we will explore two algorithms for selecting a priority list.

Decreasing Time Algorithm

Create the priority list by listing the tasks in order from longest completion time to shortest completion time.

Example 1. Consider the scheduling problem represented by the digraph below. Create a priority list using the decreasing time list algorithm, then use it to schedule for two processors using the list processing algorithm.



Priority list obtained by using the decreasing time algorithm:

Optimal Schedule: