

Quiz!

Suppose the finance and accounting departments at your organization are moving into a brand new office suite. It turns out it's not such a simple task to pack up one office and move to another. There are many activities involved including: paint the new office walls (you get to pick a color for an accent wall), packing each department, having movers move boxes from each department, move computers, install network in new office suite, and set up computers. Suppose the activity times and prerequisite activities are as given below.

Activity	Description	Prerequisites	Duration (days)
1	Decide to move!	-	0
2	Pack accounting dept.	1	3
3	Pack finance dept.	1	4
4	Paint new office.	1	4
5	Move accounting boxes.	2,4	1
6	Move finance boxes.	3,4	1
7	Install network.	1	5
8	Set up acct. computers.	5,7	1
9	Set up finance computers.	6,7	2
10	Get to work!	8,9	0

1. On a separate sheet of paper, draw a network for the project. Let nodes indicate activities, and arrows indicate prerequisites.
2. Find the earliest start time, earliest finish time, latest start time, and latest finish time for each activity. You may simply fill these values into the network you made above.
3. In the network above, highlight the critical path. What is the project completion time?