CPM - Example

1. Create the network representing the project defined by the following table.

Activity	Immediate predecessors	Duration (in days)
A	-	2
B	-	3
C	-	5
D	B	4
E	A, D	6
F	B	3
G	B	5
H	B, C	1
I	B, C	7
J	E, F	2
K	E, F, G, H, I	8
L	I	4

HELP: To construct the network, it is necessary to use at least 3 dummy activities.

2. Determine the earliest possible time for completing the project.

HELP: 21 days.

3. For each activity, calculate its total float. Determine the critical path.

HELP: none.