

**Exercise 3:**

Given the following activities and precedence, and time estimates below:

Activity	Predecessor	time (days)
A	-	8
B	-	10
C	A	3
D	A, B	7
E	A, B	6
F	C	7
G	D, F	5
H	E, G	3

- Use the AOA network diagramming to represent the project for CPM PERT Analysis.
- What is the critical path?
- How long will it take to complete this project?
- Can activity B be delayed without delaying the completion of the project? If so, how many days?
- Convert the CPM diagram to a Gantt Char.
- Compute the total slack and free slack of each activity and put them in a table