

Exercise – Week 6

Project Schedule Management

In a group of 4-5

Task 1 – AOA Network

- Consider a project with activity list as follow

Activity Name	Predecessor
A	-
B	-
C	A,B
D	B
E	C,D

- Draw an AOA for this project.

Task 2 – Project Scheduling

- Draw an PDM network diagram representing the project in the table
- Identify all of the paths on the network diagram and note how long they are.
- What is the critical path for this project and how long is it?
- What is the shortest possible time needed to complete this project?

Activity	Initial Node	Final Node	Estimated Duration
A	1	2	10
B	1	3	12
C	1	4	8
D	2	3	4
E	2	5	8
F	3	4	6
G	4	5	4
H	4	6	8
I	5	6	6
J	5	8	12
K	6	7	8
L	7	8	10