

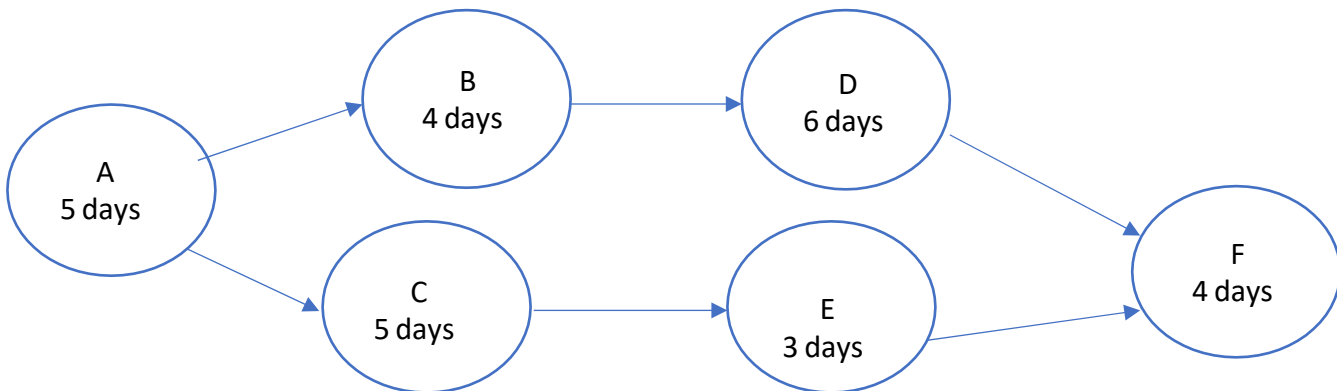
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Assignment to be submitted in Moodle by 19 March 2022

3Qs

- Develop a network diagram for the project specified below. (50 %)
- Identify the Critical Activities and the total duration of the project. (35%)
- Justify which activity would you crash based on some rationale (15%)

Activities	predecessor	Duration (days)
A	-	5
B	A	4
C	A	5
D	B	6
E	C	3
F	D,E	4



Path number 1: A-B-D-F which will take 19 days

Path number 2: A-C-E-F Which will take 17 days

The critical pathway is pathway number 1 because it is the longer

The activities which would be crashed those with low budget because when doubling the low budget activity that's would decrease the duration to the half of the activity which in return make the project faster with minimal loss of resources.