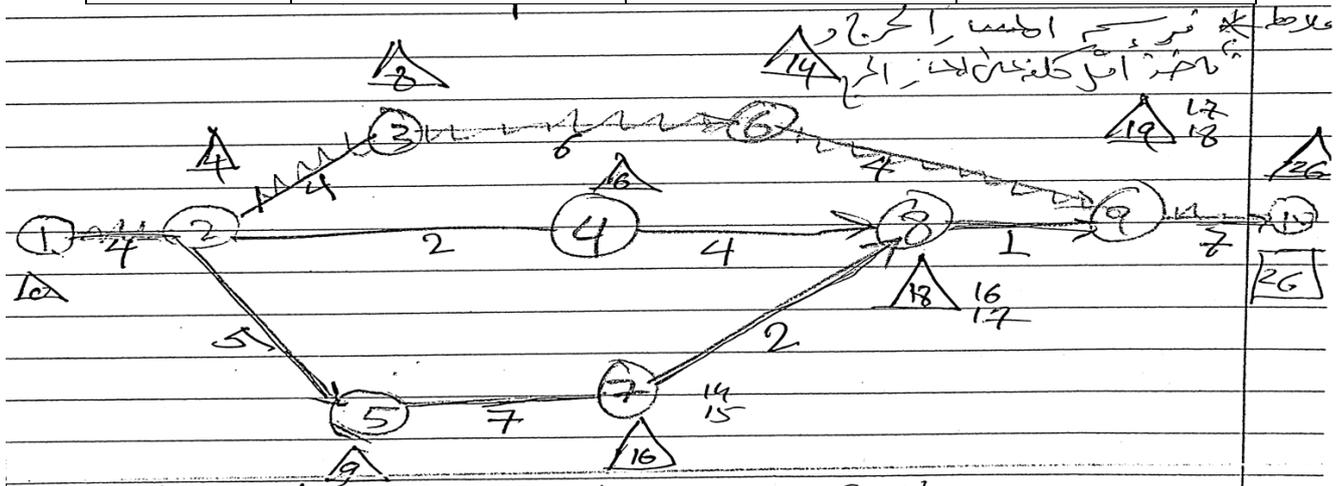


Dr. Adnan Fadhil
 Assist. Lect. Mustafa Ayad

Activity	Normal Program		Crash Program	
	Duration (weeks)	Cost (thousands ID)	Duration (weeks)	Cost (thousands ID)
1-2	4	500	3	750
2-3	4	100	2	300
2-4	2	200	2	200
2-5	5	600	4	760
3-6	6	700	5	830
4-8	4	200	3	300
5-7	7	170	5	200
6-9	4	200	2	300
7-8	2	80	2	80
8-9	1	100	1	100
9-10	7	600	6	670
	Total Cost	3,420		

Solution:

Activity	Reduction in Time (Normal – Crash time) (weeks)	Increase in Cost (Crash – Normal Cost) (thousands ID)	Rate of Increase (Cost/Time)
1-2	1	250	250
2-3	2	200	100
2-4	0	0	0
2-5	1	160	160
3-6	1	130	130
4-8	1	100	100
5-7	2	30	15
6-9	2	100	50
7-8	0	0	0
8-9	0	0	0
9-10	1	70	70



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Activity	Reduction	Cost (thousands ID)
26	-----	3,420
25	(5-7)	$3,420 + 1 \times 15 = 3,435$
24 (تقل إسبوعين)	(5-7) + (6-9)	$3,435 + \times 15 = 3,500$