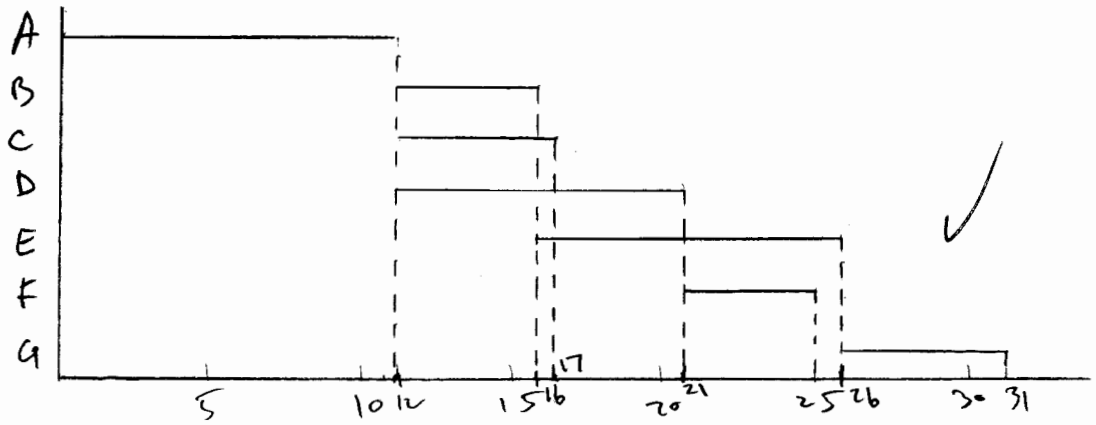
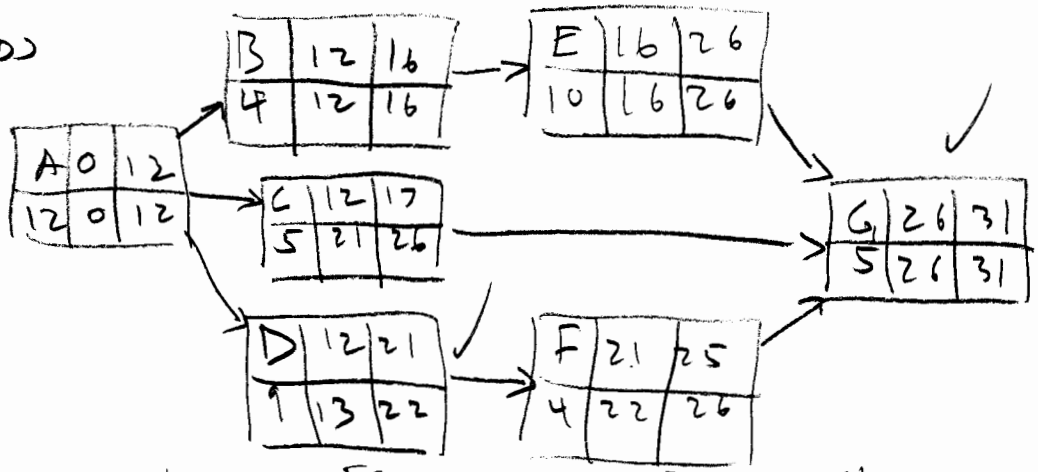
MENG 293 HW4 Tristan Hong

(2)



20/20

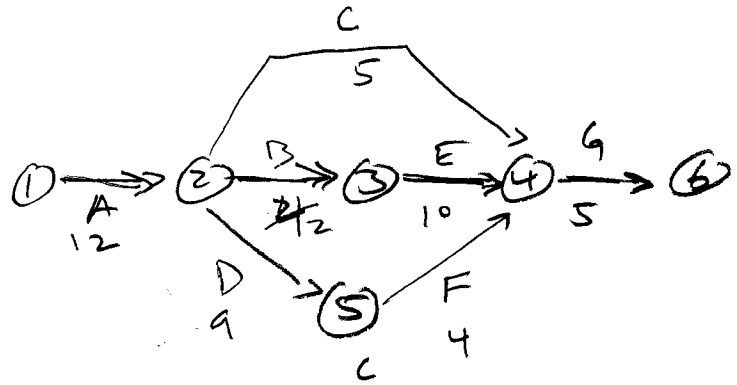
(b)



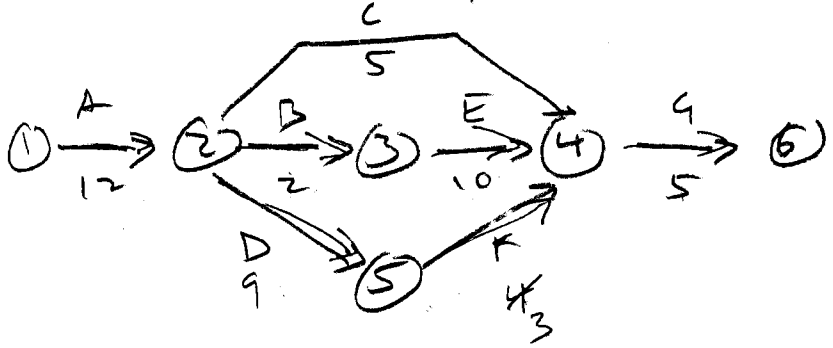
	LS	ES	LF	EF	Slack	Float total/free/interfering
A	0	0	12	12	0	0/0/0
B	12	12	16	16	0	0/4/-4
C	21	12	26	17	9	9/14/-5
D	13	12	22	21	1	1/9/-8
E	16	16	26	26	0	0/4/-4
F	22	21	26	25	1	1/4/-3
G	26	26	31	31	0	0/-26/-26

$\frac{CC - NC}{ND - CD}$

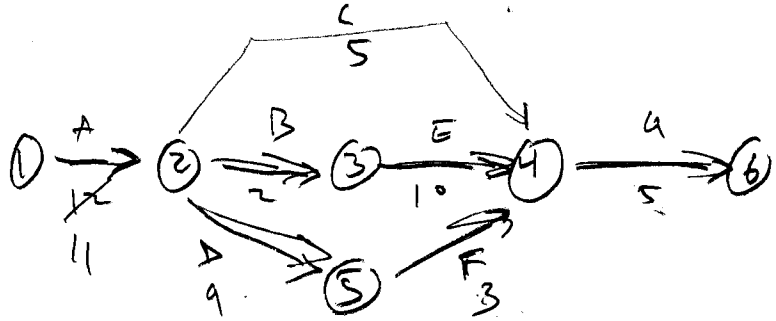
	d$/dt
A	$1250
B	$500
C	$750
D	$1333
E	$ —
F	$500
G	$1500



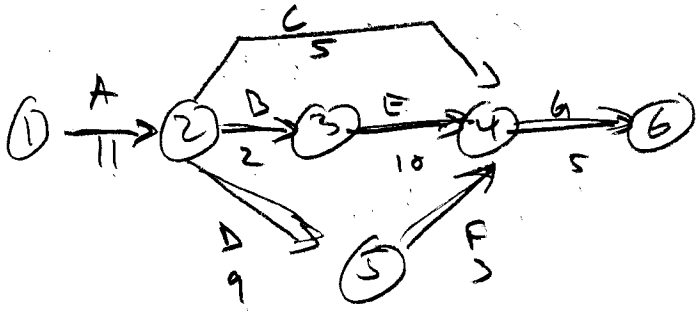
$19000



$20000



$20500



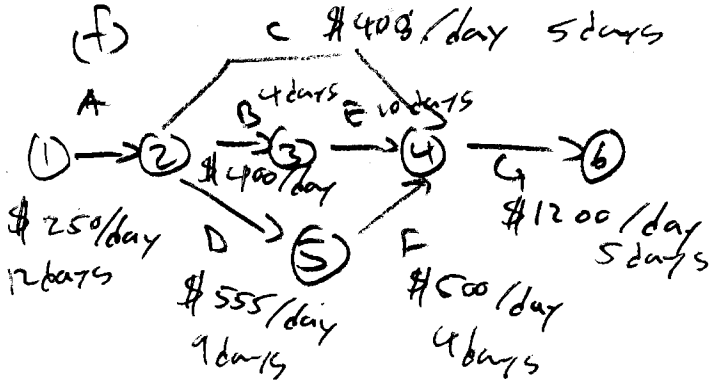
$21750

(c) to minimize cost, project duration should be 28 days

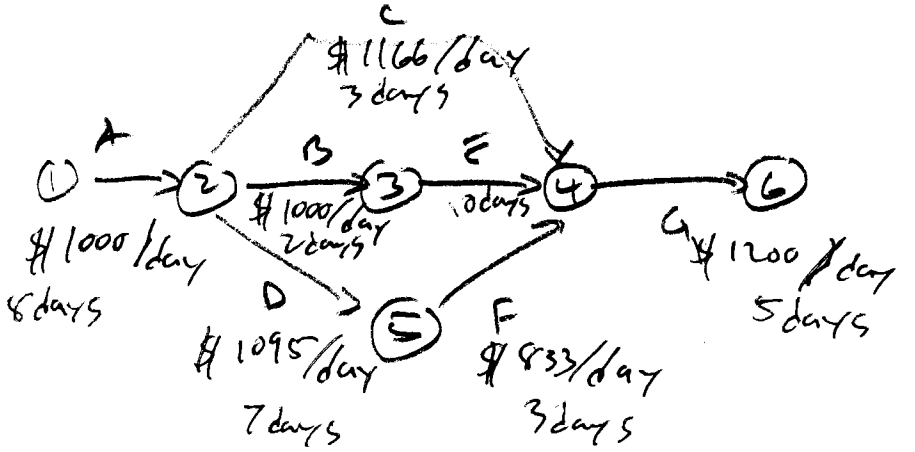
(d) A - $4250
B - $2000
C - $2000
D - $5000
E - $0
F - $2500
G - $6000
$21750

(e) From c, you can see that the crashed timeline to meet the 28 day deadline creates a second critical path ✓

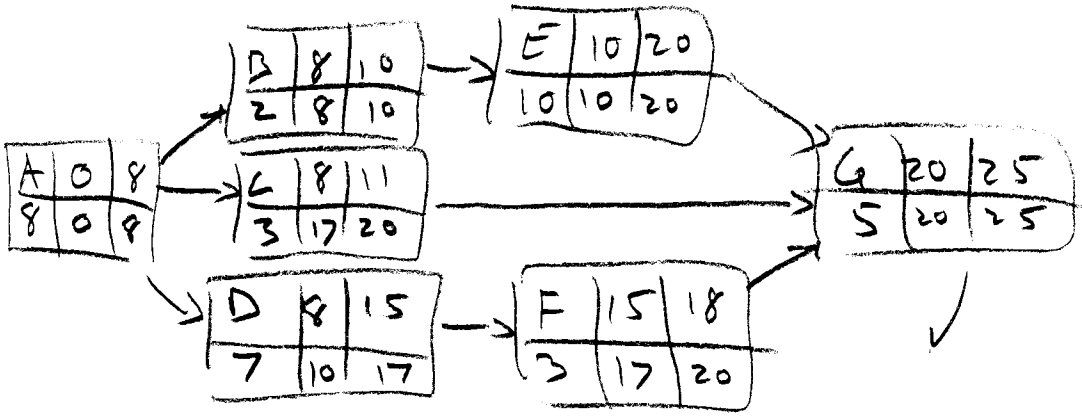
(f)



Initial ✓



leveled ✓



✓