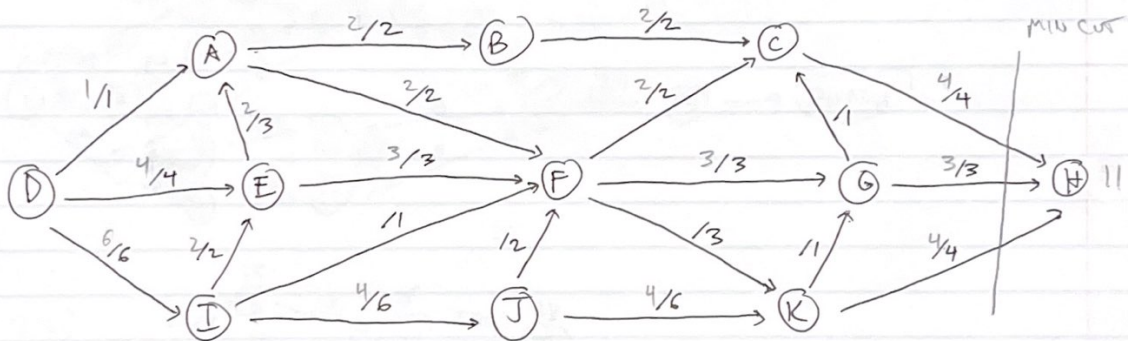
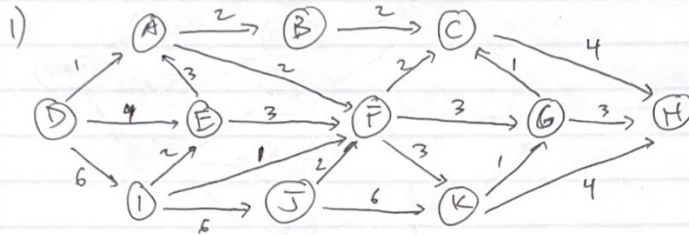
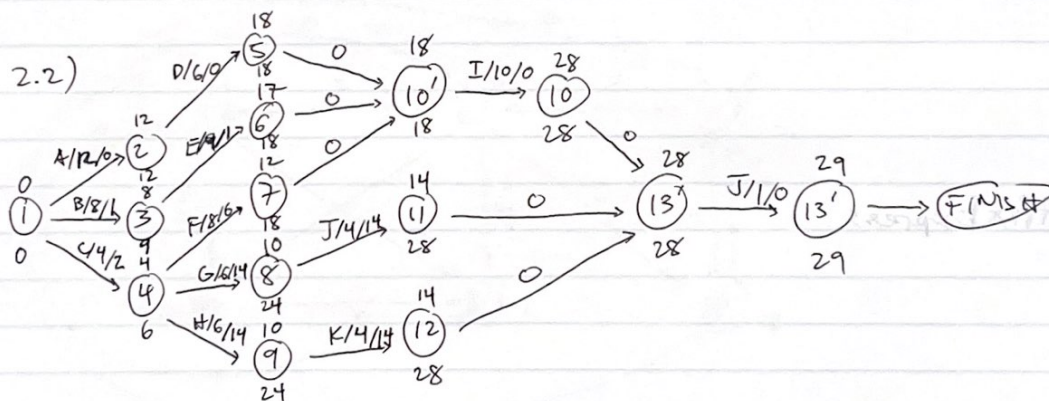
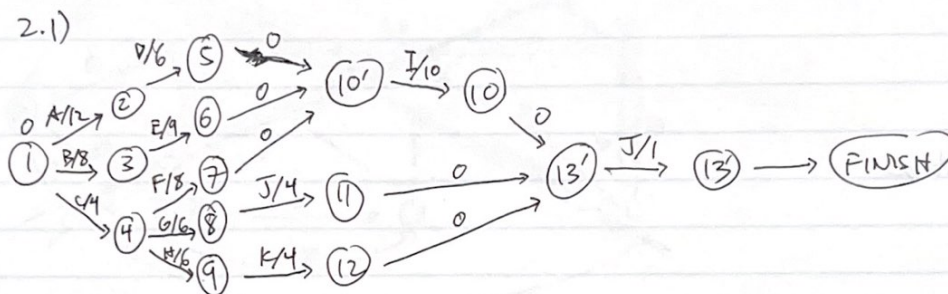
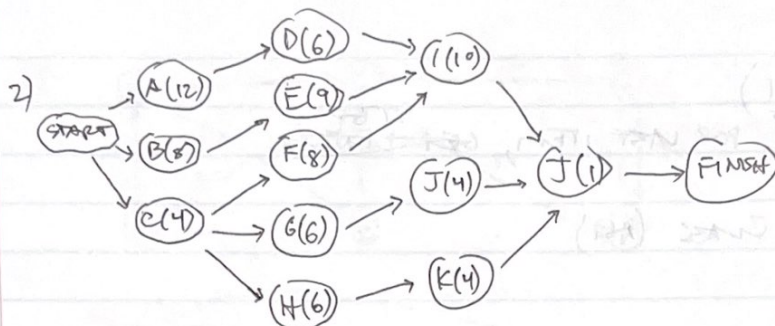


HW #10



Max Flow = 11

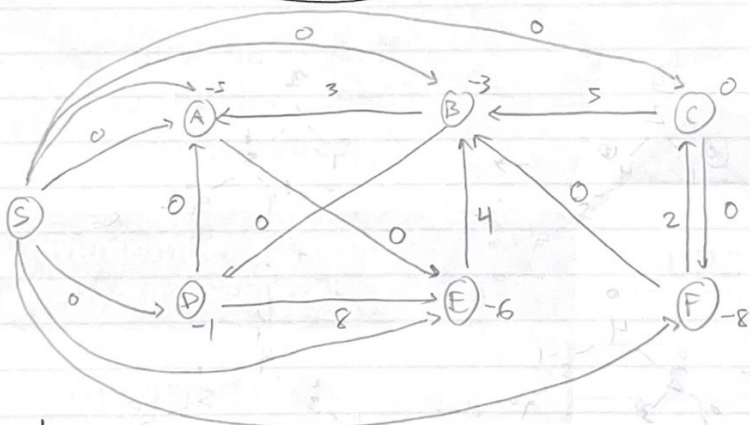
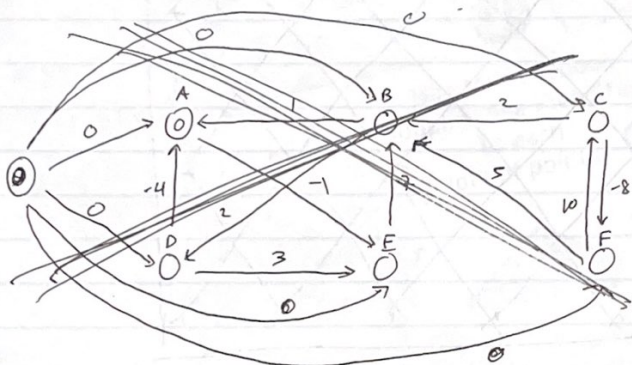
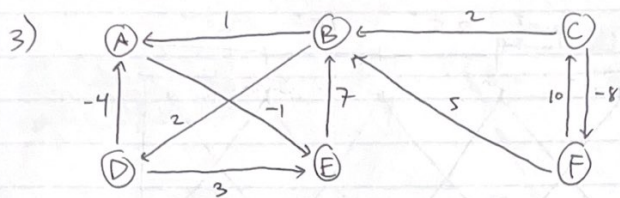
MIN CUT = (D, H): $D = \{D, A, E, I, B, F, J, C, G, K\}$, $H = \{H\}$



THE CRITICAL PATH IS: $\langle A, D, I, J \rangle$

PROJECT COMPLETION TIME: 29

2.3) TASK B CAN BE DELAYED TO START FOR 1 UNIT TIME.



h

$$\begin{aligned} V_A &= -5 \\ V_B &= -3 \\ V_C &= 0 \\ V_D &= -1 \\ V_E &= -6 \\ V_F &= -8 \end{aligned}$$

w'

$$\begin{aligned} E_{BA} &= 3 \\ E_{CB} &= 5 \\ E_{CF} &= 0 \\ E_{FC} &= 2 \\ E_{FB} &= 0 \\ E_{EB} &= 4 \end{aligned}$$

$$\begin{aligned} E_{AE} &= 0 \\ E_{BD} &= 0 \\ E_{DE} &= 8 \\ E_{DF} &= 0 \end{aligned}$$