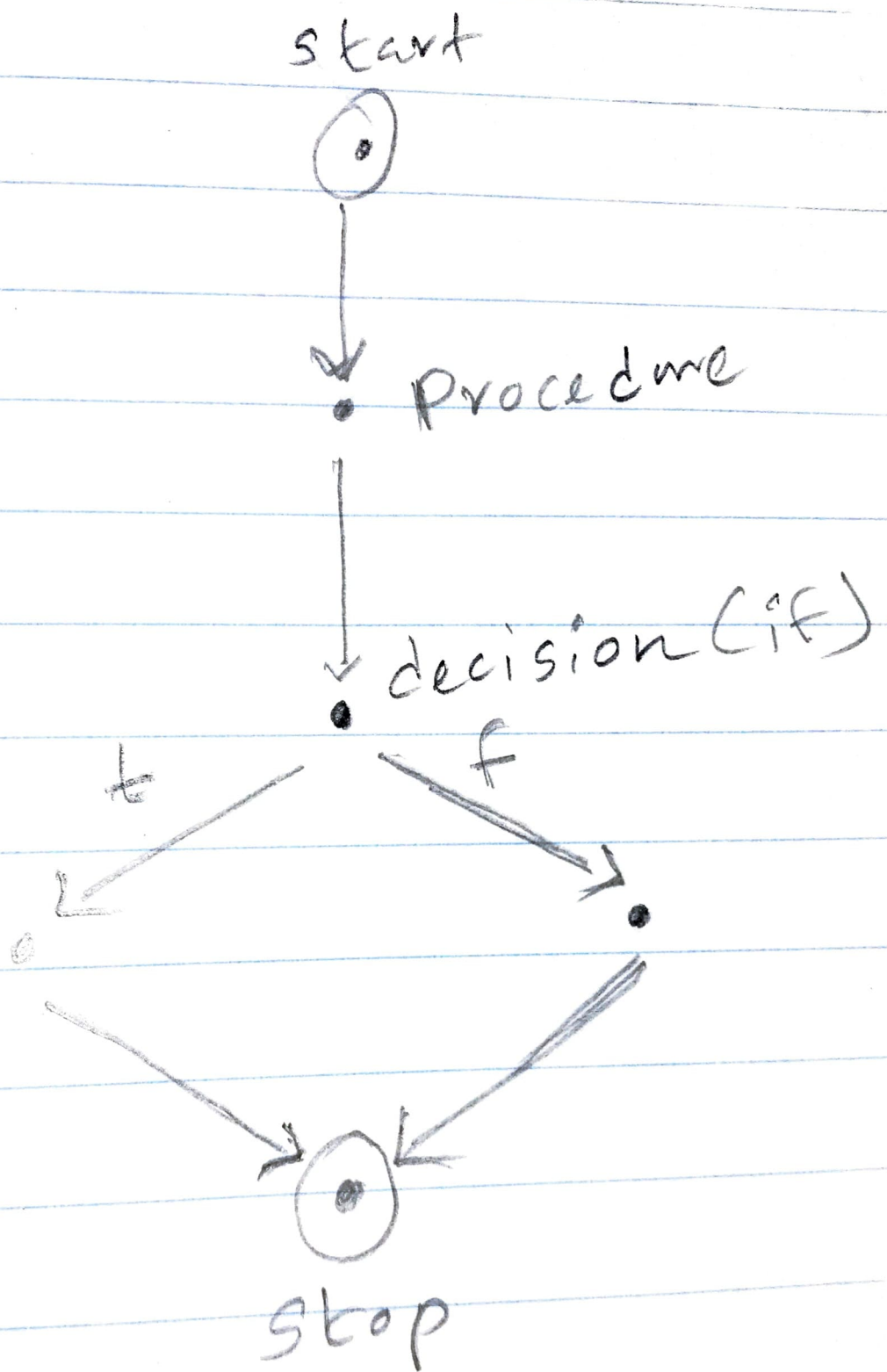
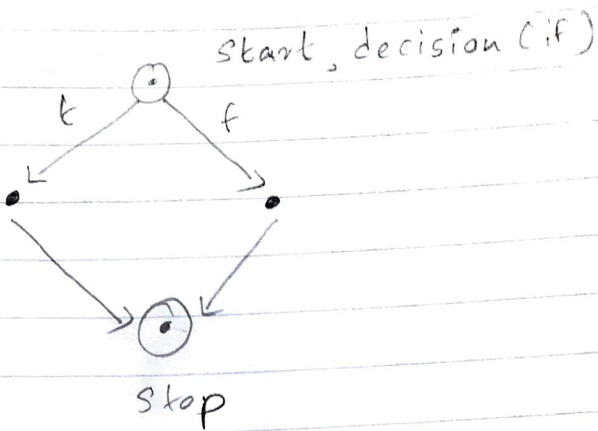


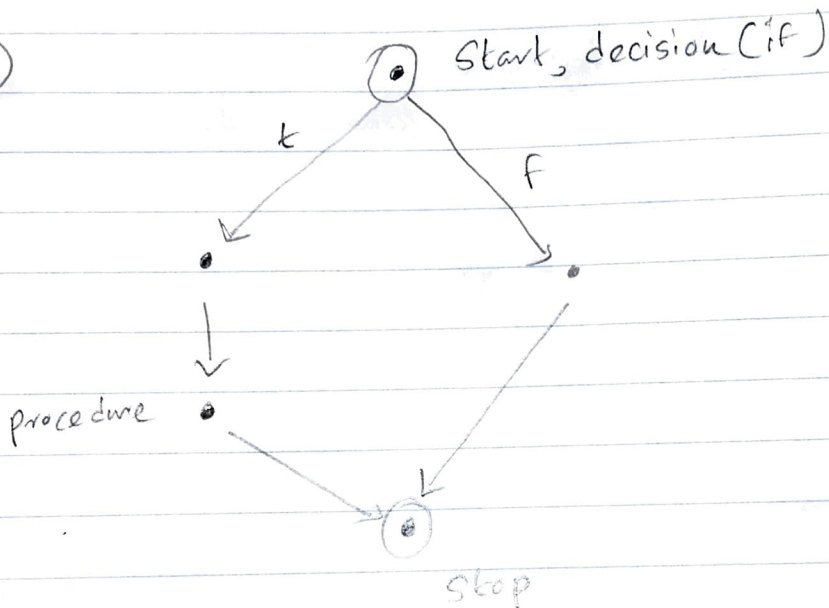
Q1)



Q1) part 2



Q2)



$$V(G_1) = e - n + 2$$

$$= 5 - 3 + 2$$

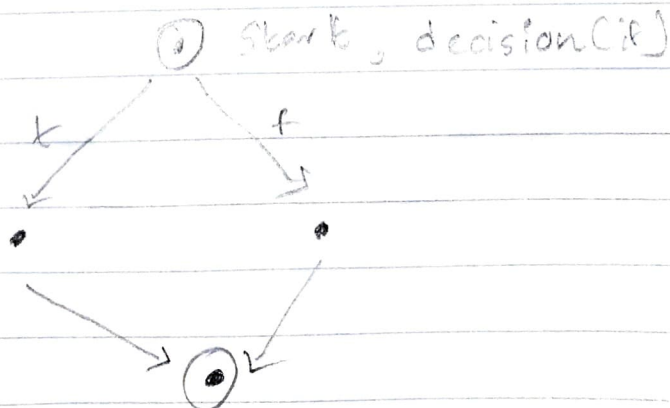
$$= 4$$

$$V(G_1) = d + 1$$

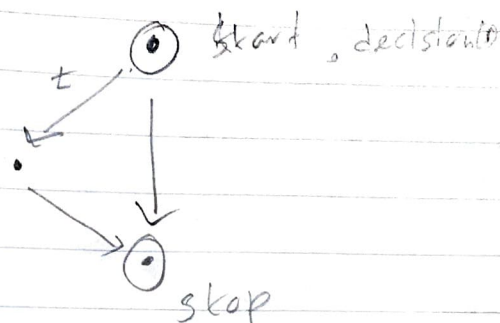
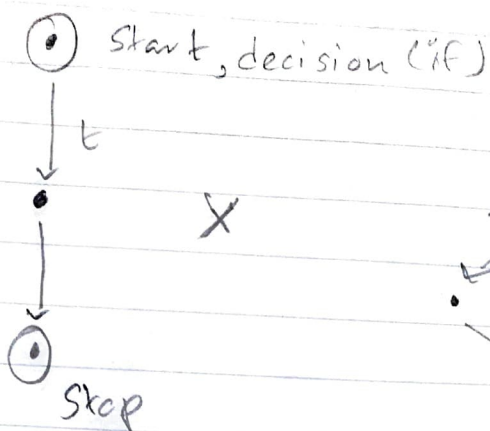
$$= 1 + 1$$

$$= 2$$

Q2) part 2



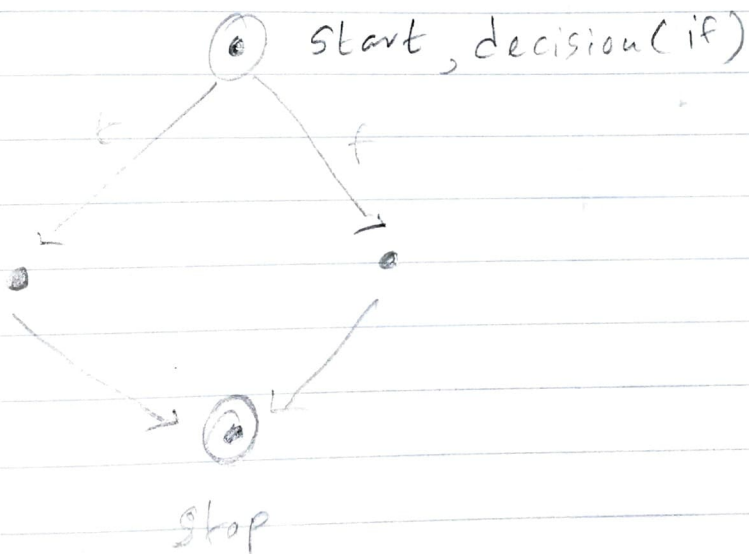
d)



$$\begin{aligned}
 V(G) &= e - n + 2 \\
 &= 2 - 3 + 2 \\
 &= 1
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= d + 1 \\
 &= 1 + 1 \\
 &= 2
 \end{aligned}$$

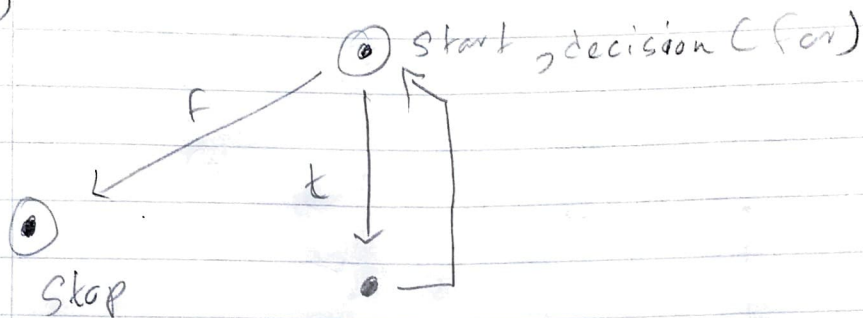
e)



$$\begin{aligned}
 V(G) &= e - n + 2 \\
 &= 4 - 4 + 2 \\
 &= 2
 \end{aligned}$$

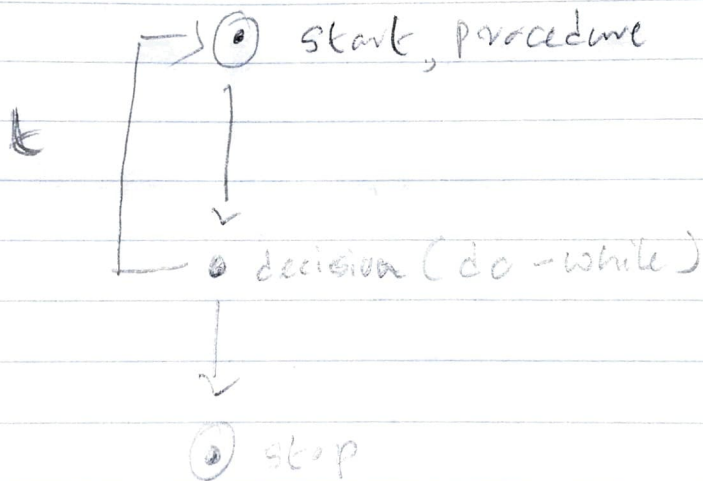
$$\begin{aligned}
 V(G) &= d + 1 \\
 &= 1 + 1 \\
 &= 2
 \end{aligned}$$

7)



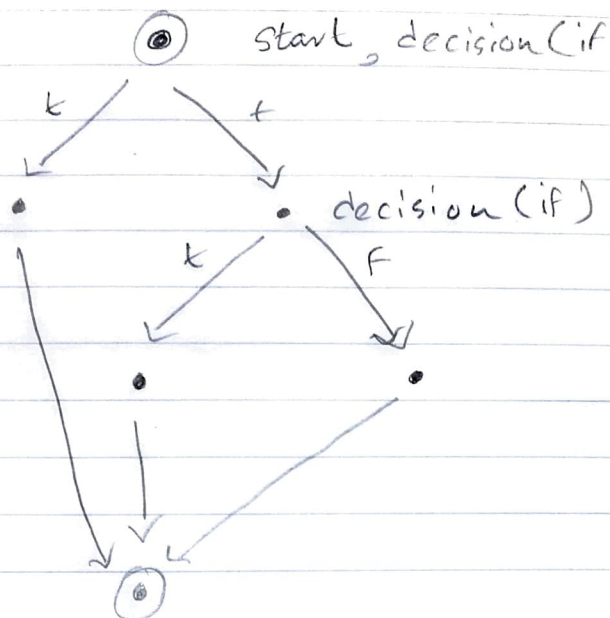
$$\begin{aligned}
 V(G) &= e - n + 2 \\
 &= 3 - 3 + 2 \\
 &= 2
 \end{aligned}$$

8)



$$\begin{aligned}
 V(G) &= e - n + 2 \\
 &= 3 - 3 + 2 \\
 &= 2
 \end{aligned}$$

9)



$$V(G) = e - n + 2$$

$$= 7 - 6 + 2$$

$$= 3$$