LAB-11   Group-2

Q. 1.A [DFS]

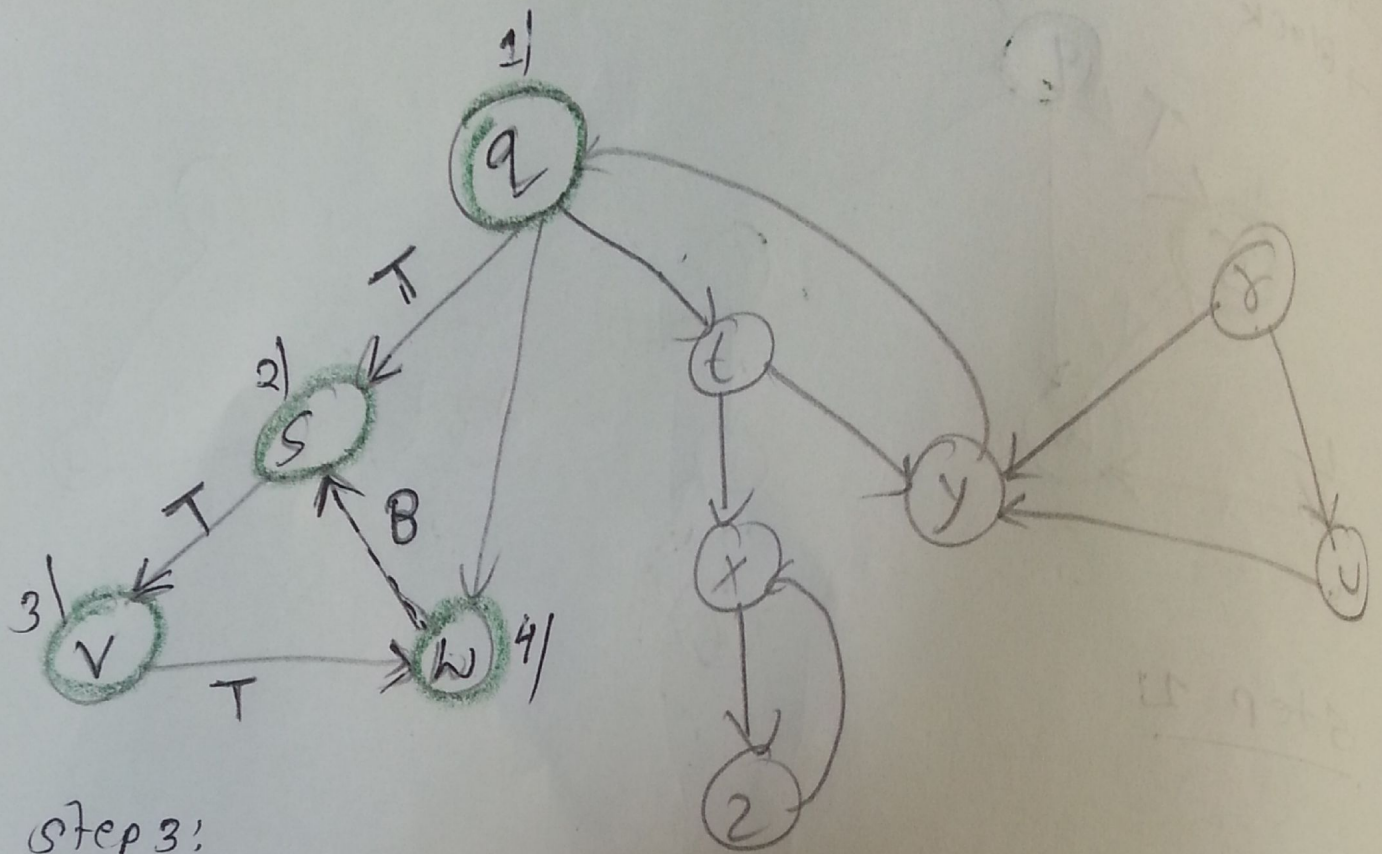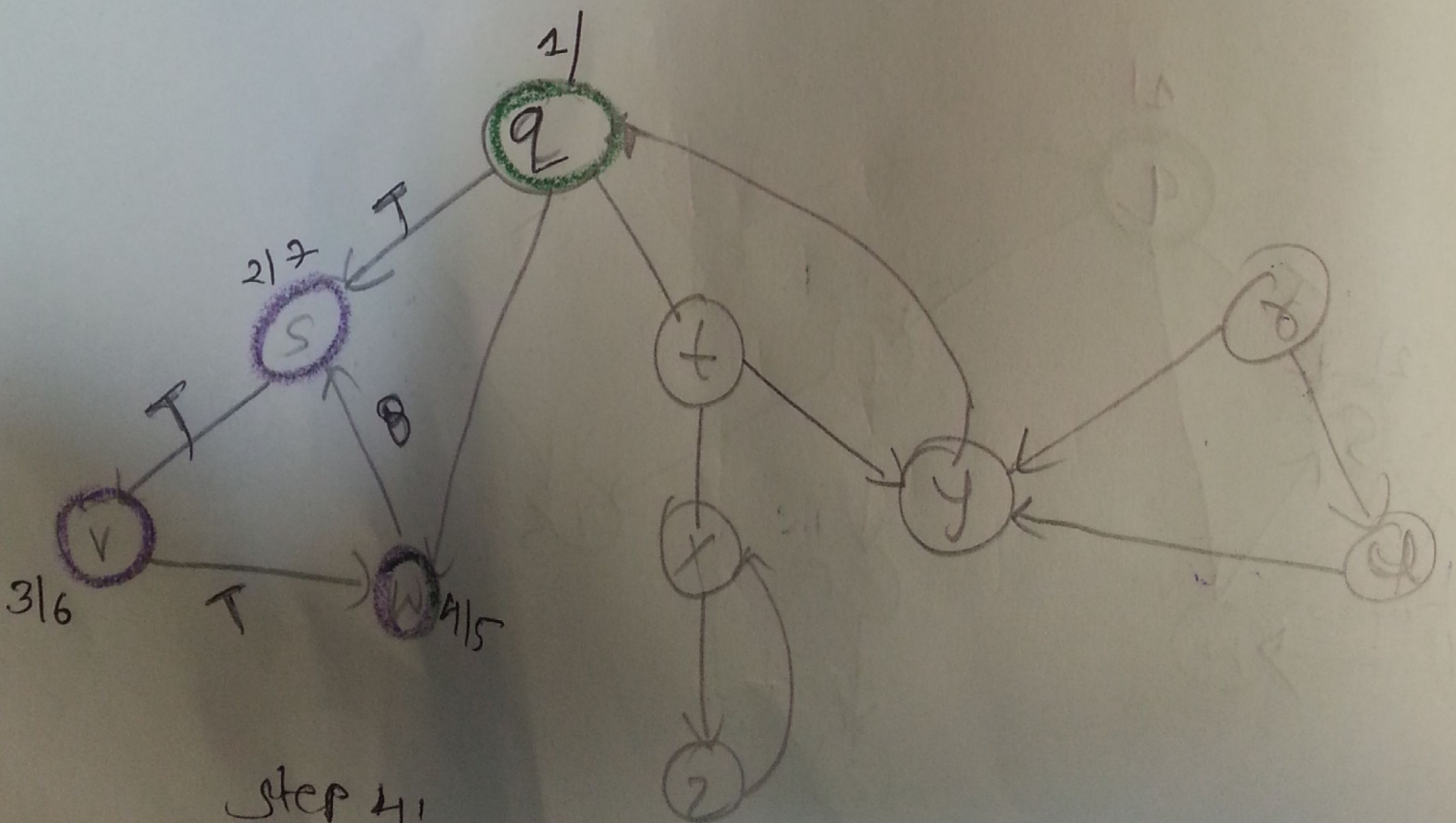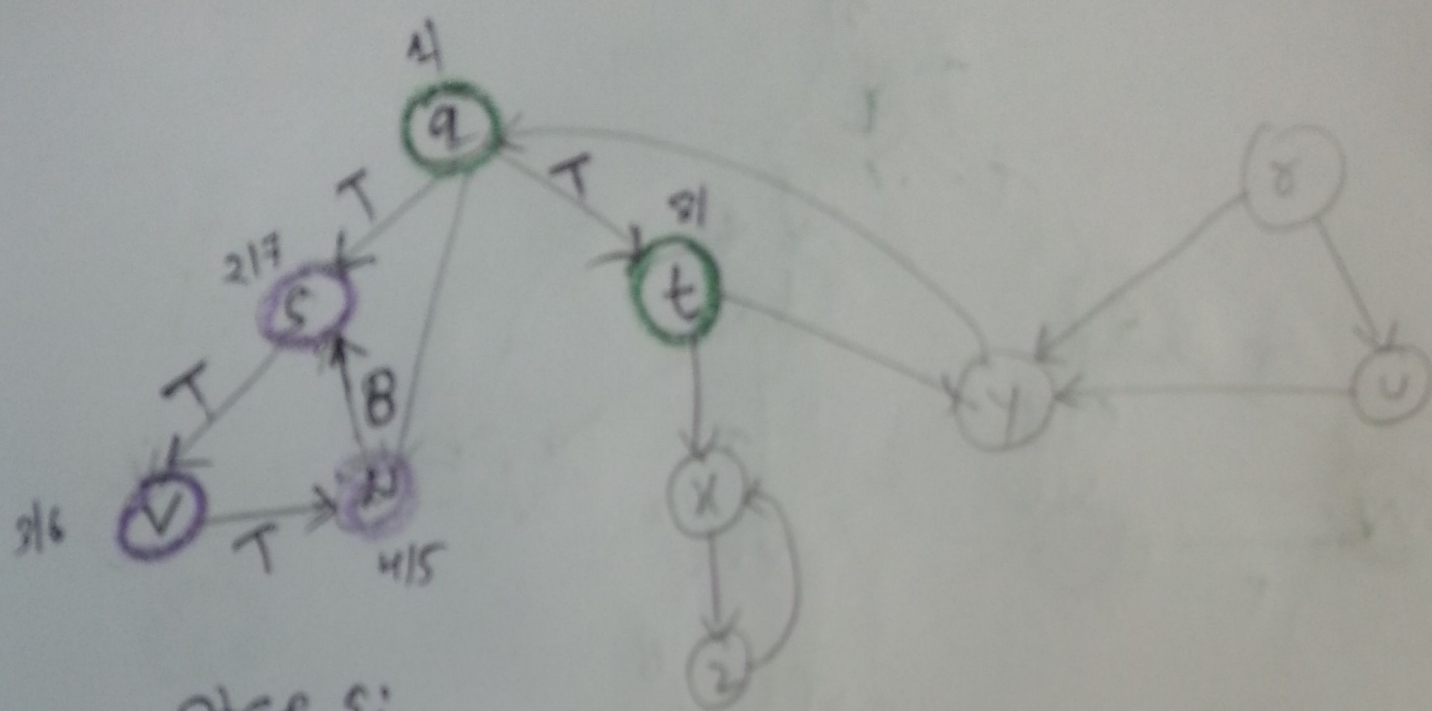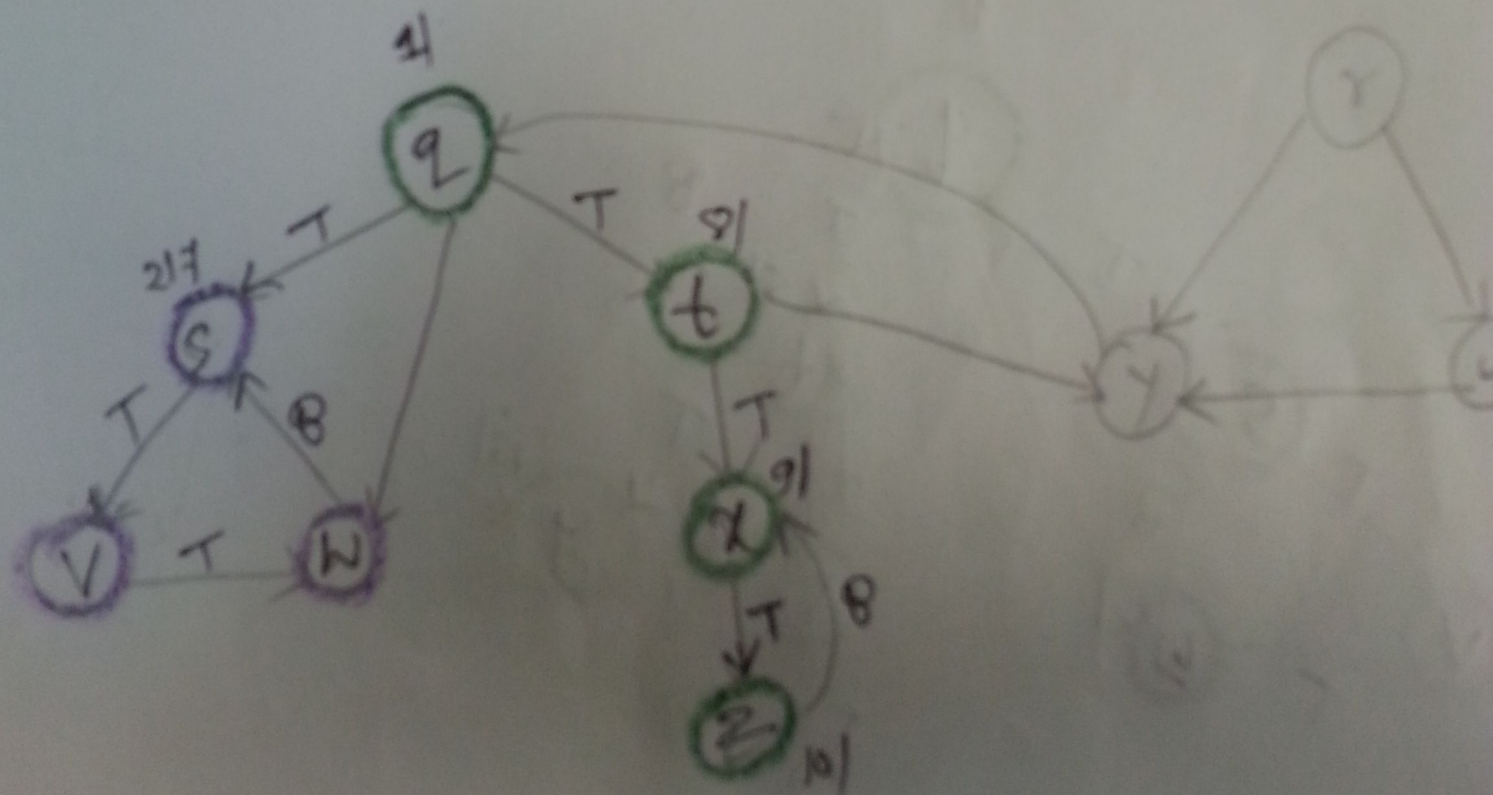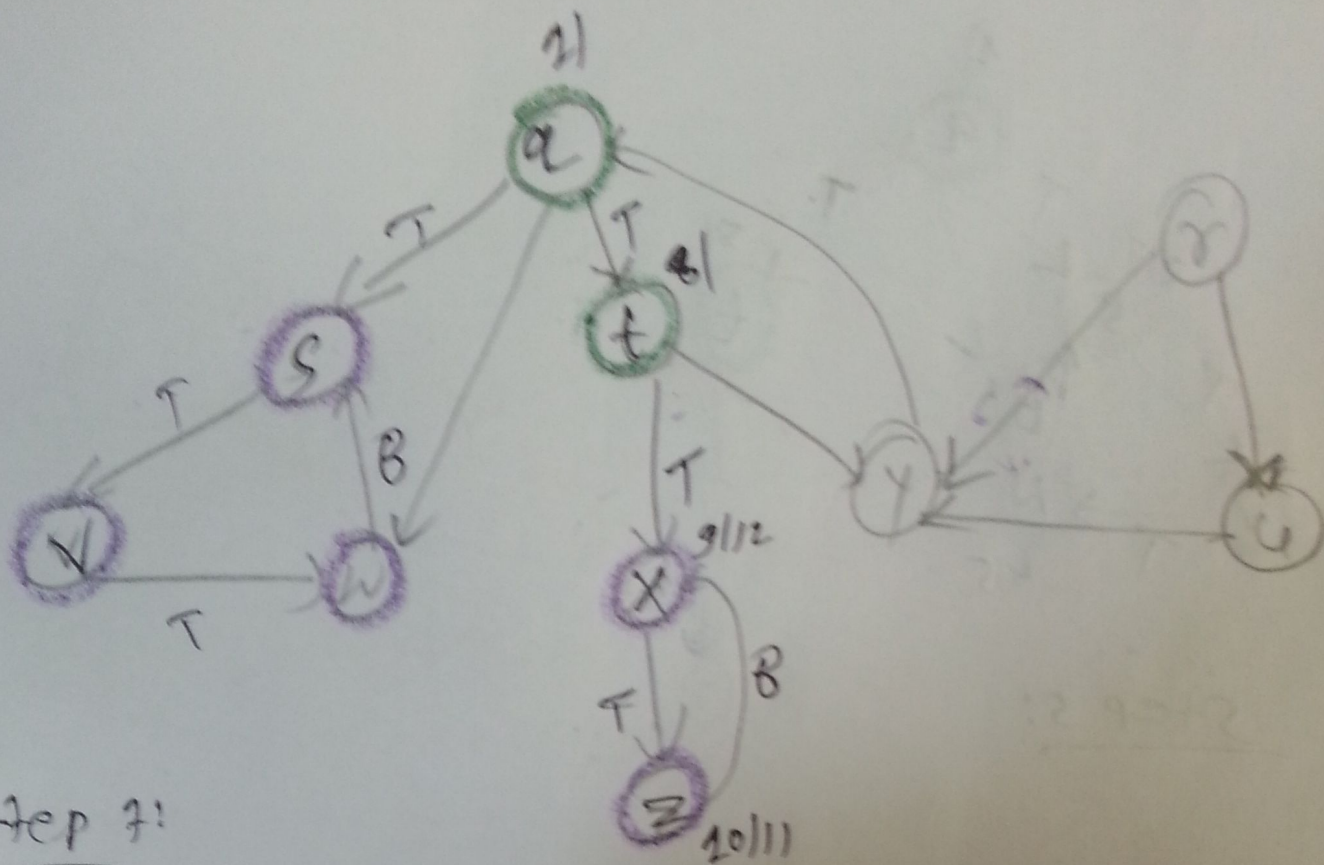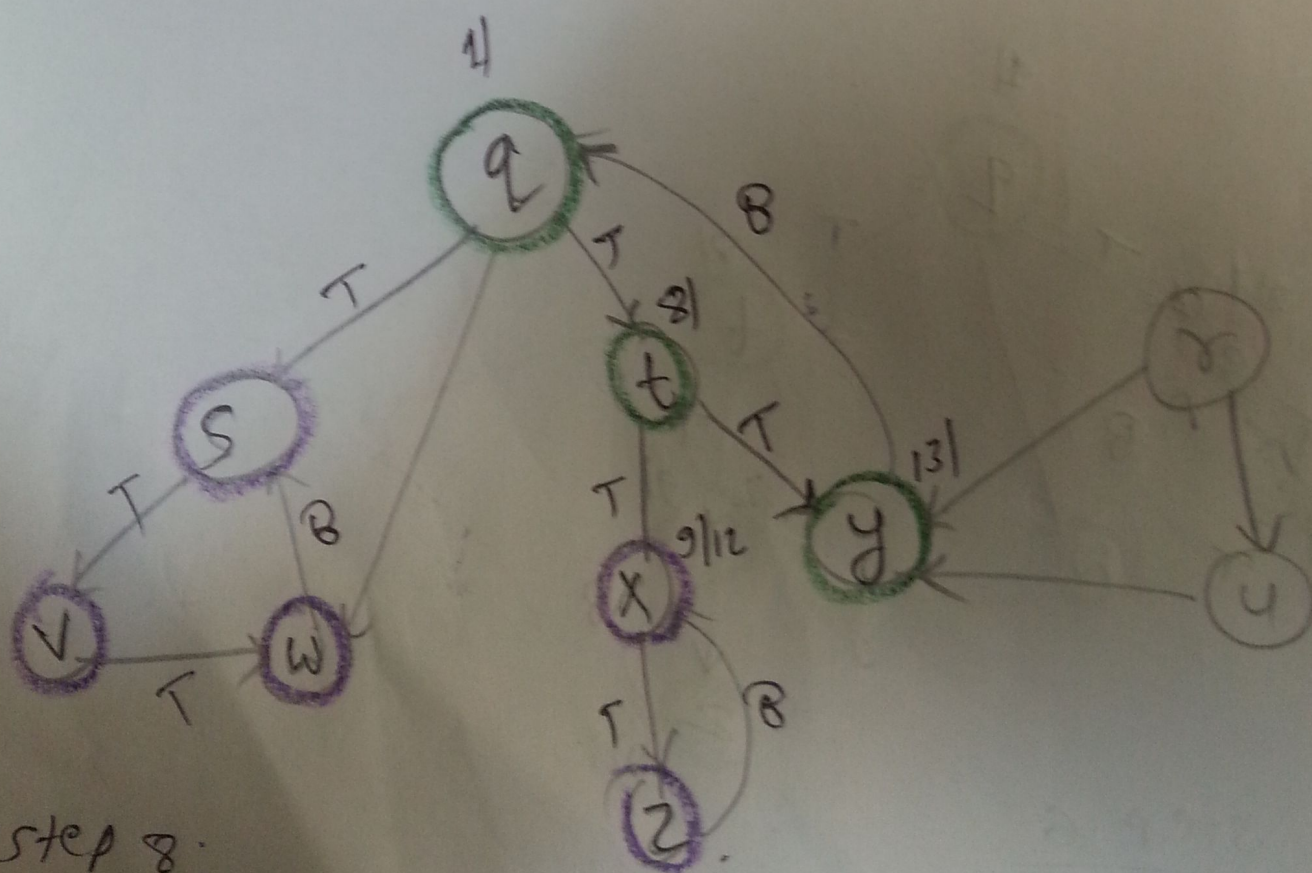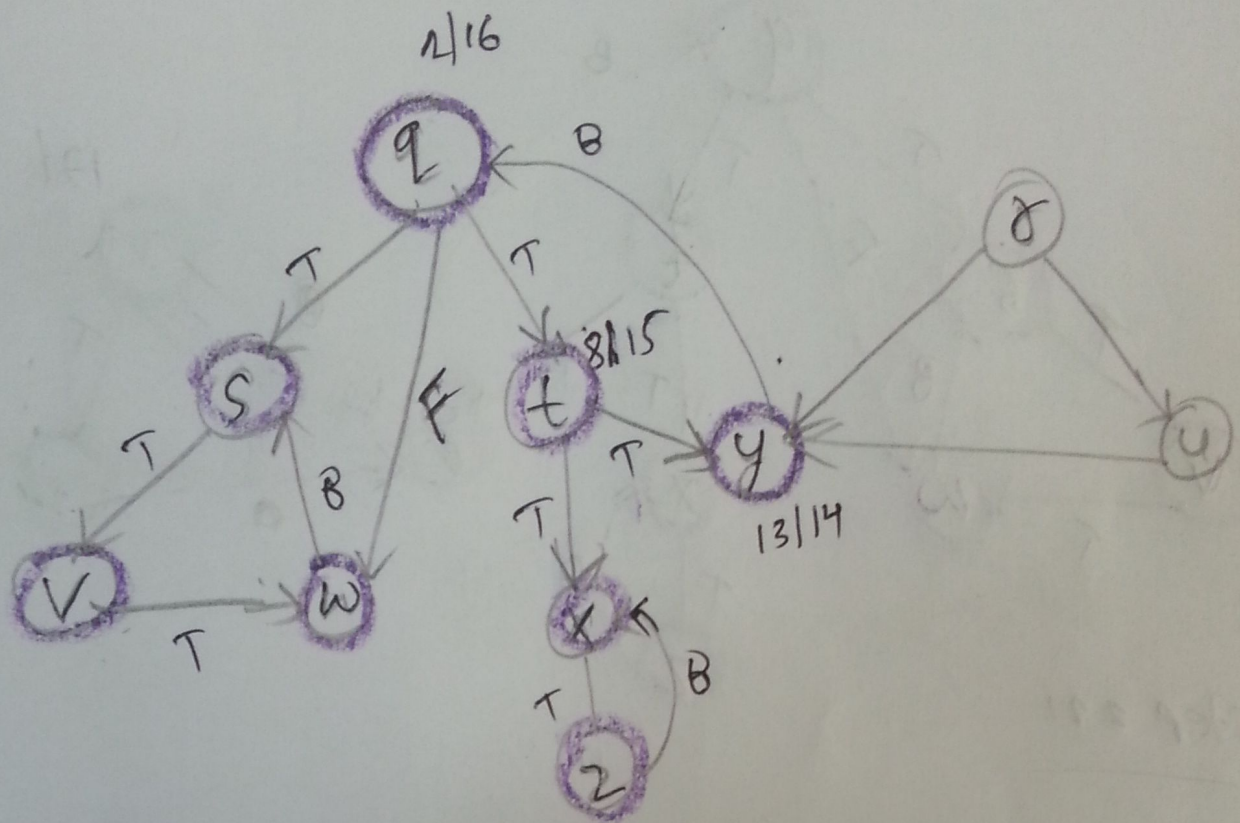Here: ◯ → Gray   O → white.
       ◯ → Black

Step 1)

step 2

Step 3:

Step 4:

step 5:

step 6:

step 7:

step 8:

Step 5:

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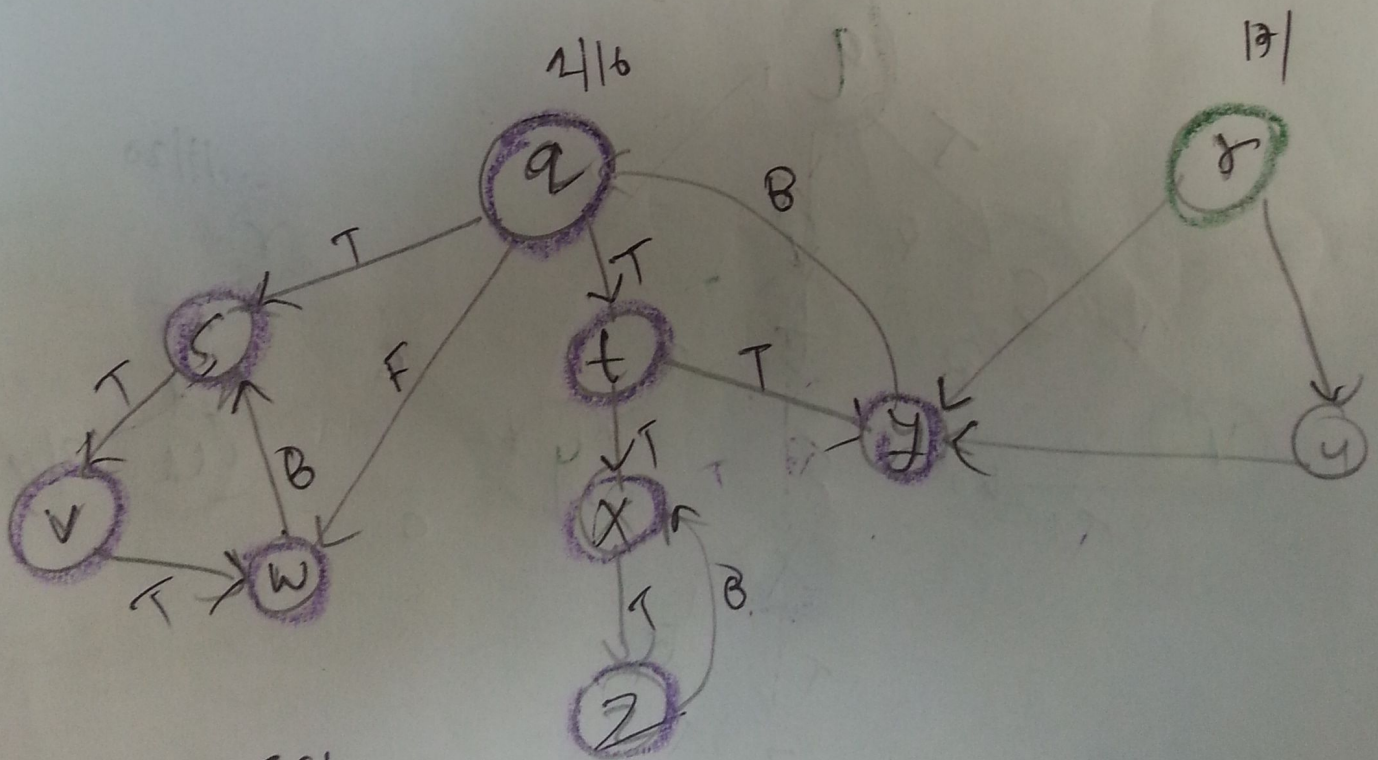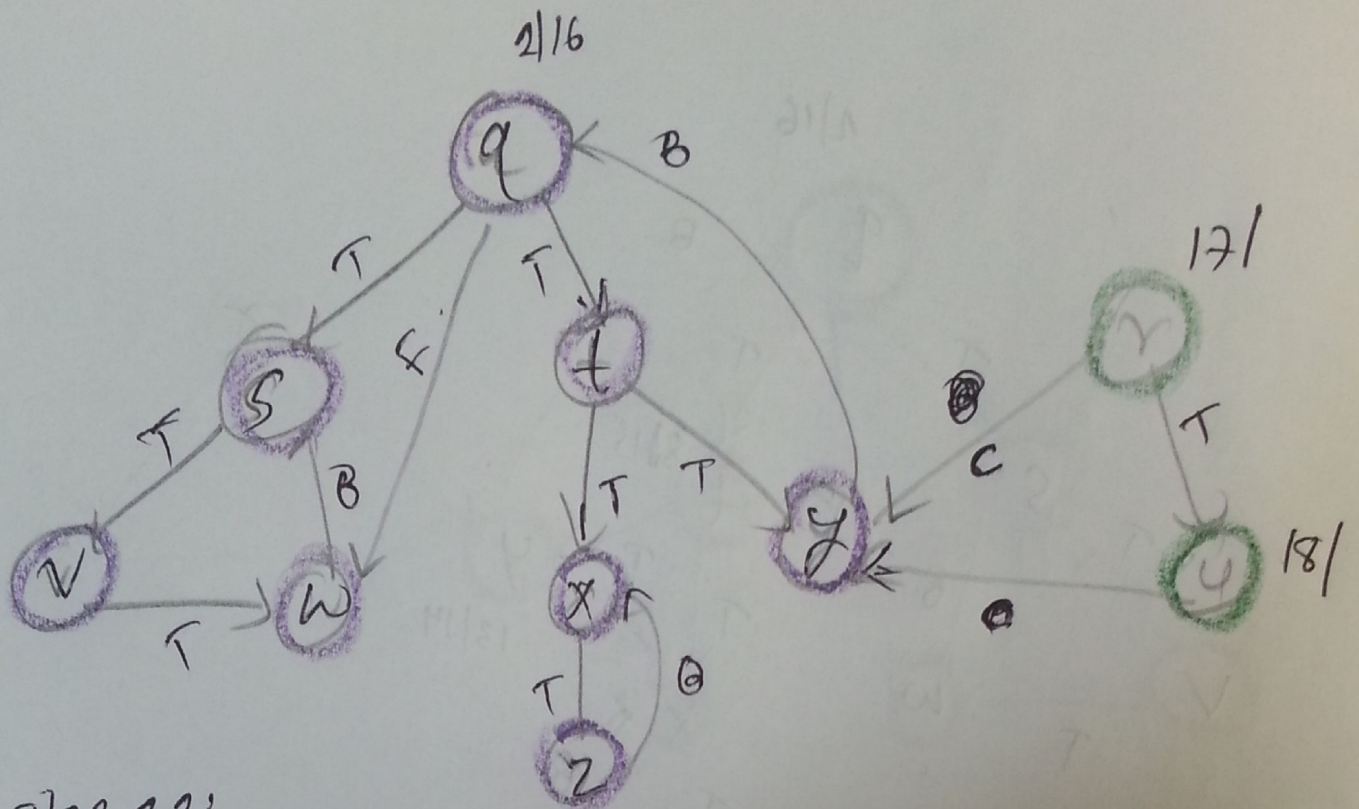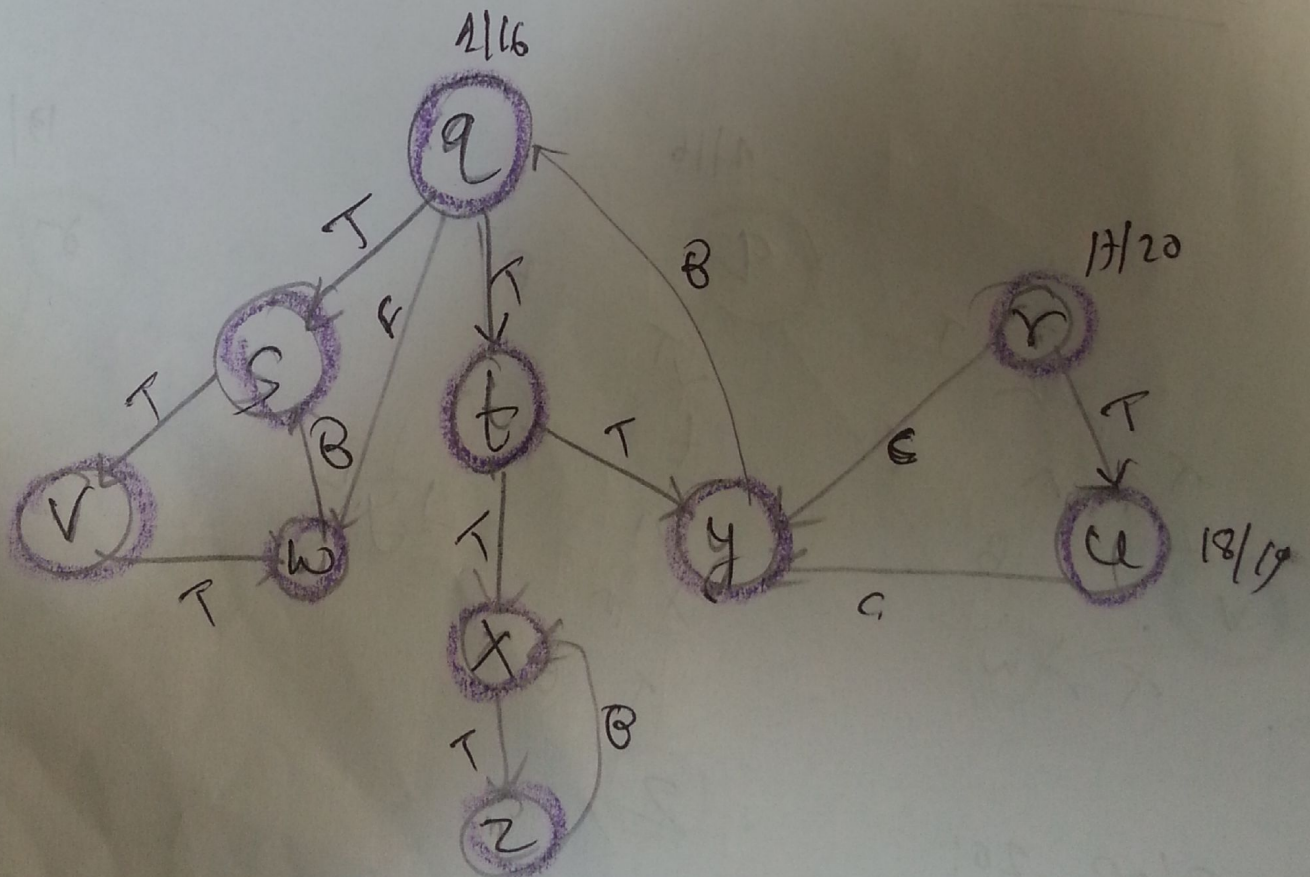
STEP 12:

The final tree is as follows
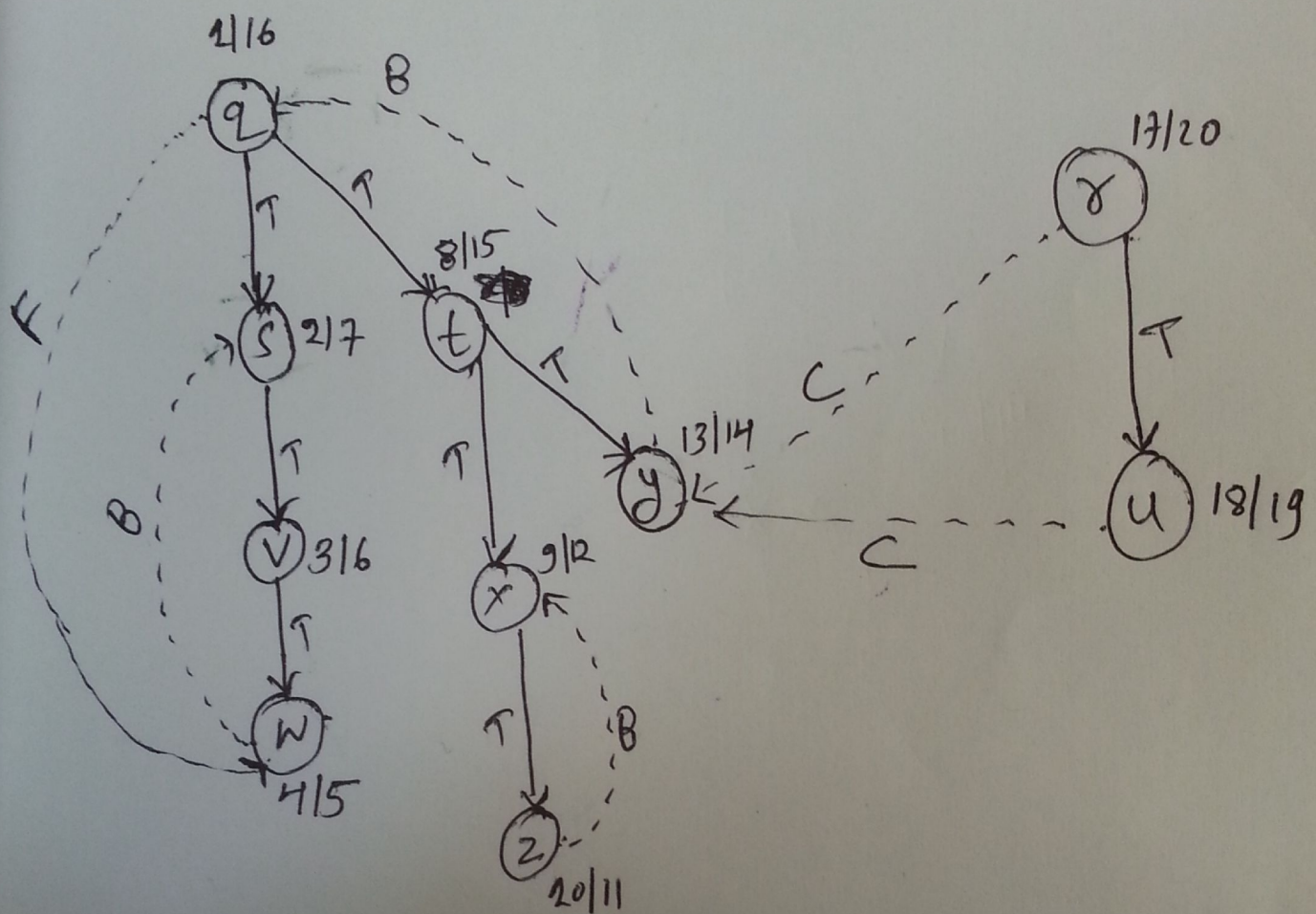
Here $\overset{\triangle}{\underset{f}{O}}$: where D = Discovery time &
f = Finishing time.