

SUBJECT: Dennis George Ex 3
DATE: 4 / 6 / 21

1). (c) can't happen, because the only way '49' could print first would be if the entirety of thread 1 ran. If that's the case, then the second print couldn't be 0.

(e) Also couldn't happen. Same reasoning as to why (c) couldn't happen.

2). (49, 97)
(48, 48)

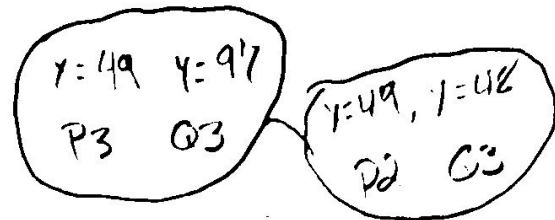
$\begin{array}{c} +1 \\ \textcircled{1} x=48, y=0 \end{array}$ $\begin{array}{c} +2 \\ \textcircled{2} x=48, y=0 \end{array}$
 $\textcircled{4} x=48, y=48$ $\textcircled{3} x=48, y=48$

(48, 114)

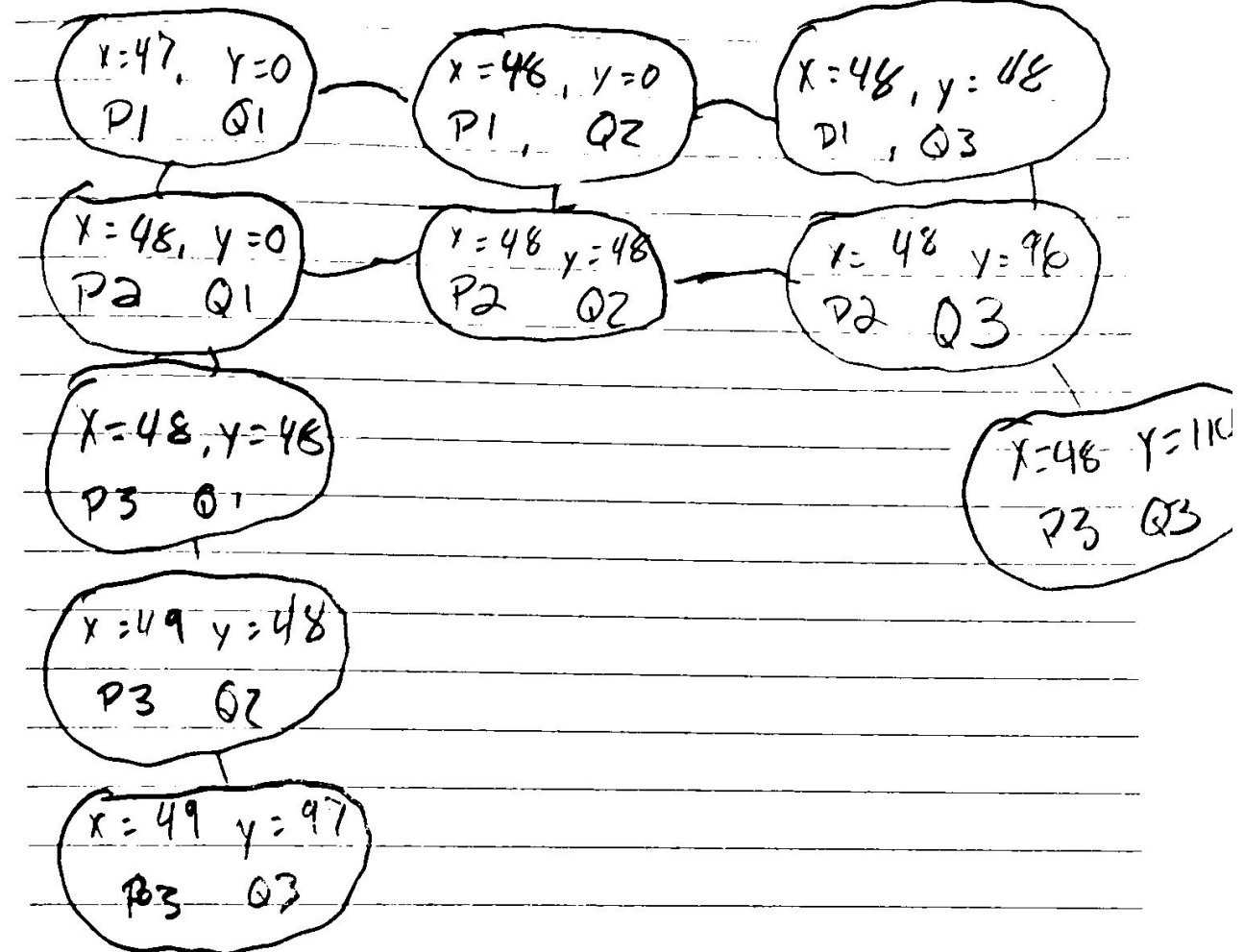
ex. in diagram

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DATE: / /



3).



This confirmed answers to 2 because my values appeared in the diagram