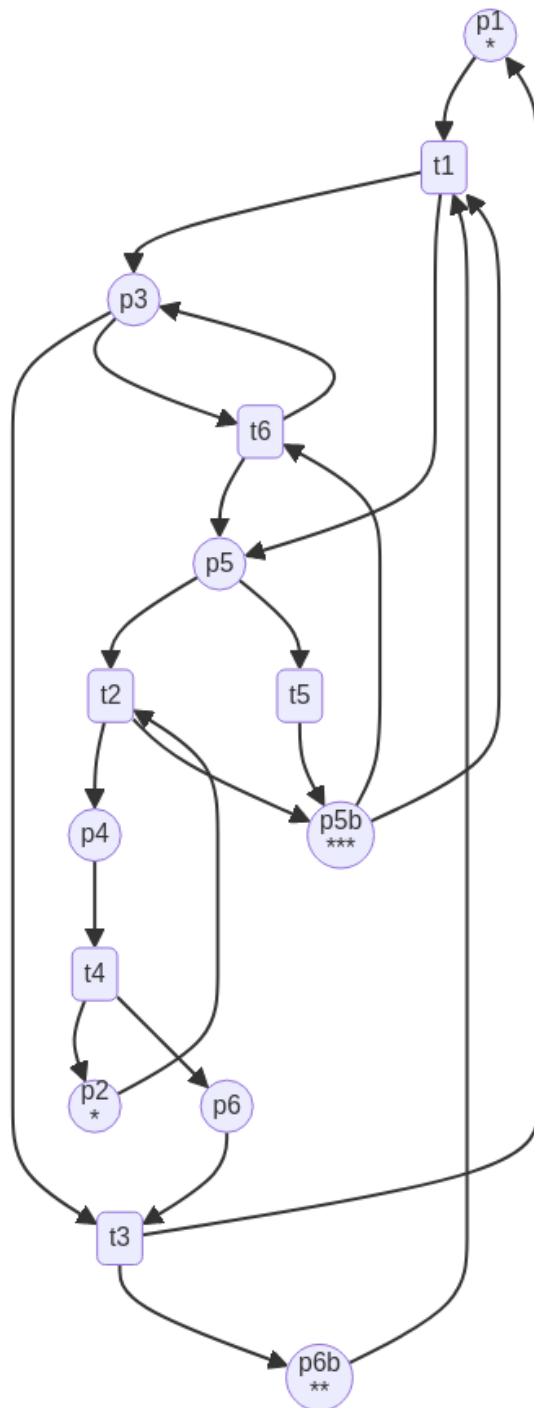


Exercise 1

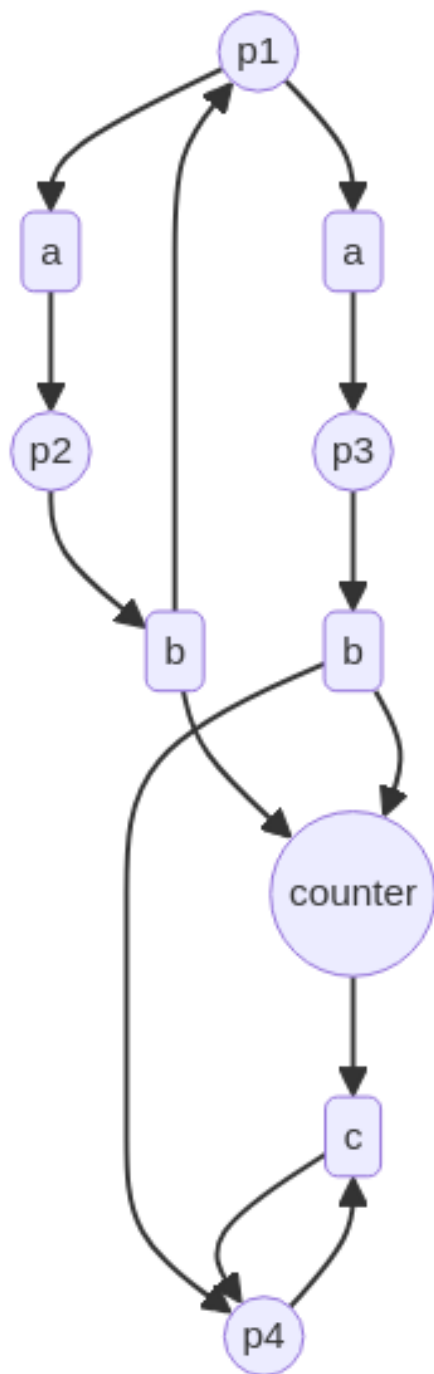


Exercise 2

Marking: $(p_1, p_2, p_3, p_4, counter)$

Initial marking: $(1, 0, 0, 0, 0)$

Final marking: $(0, 0, 0, 1, 0)$

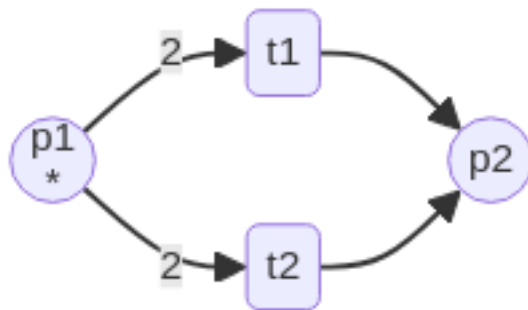


Exercise 3

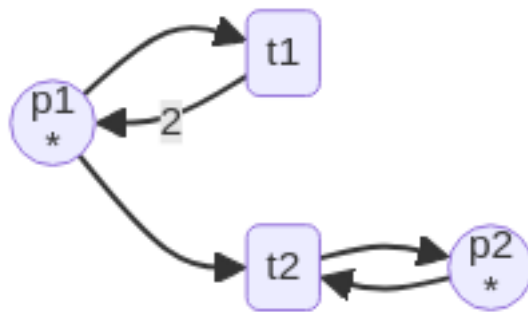
3.1



3.2



3.3



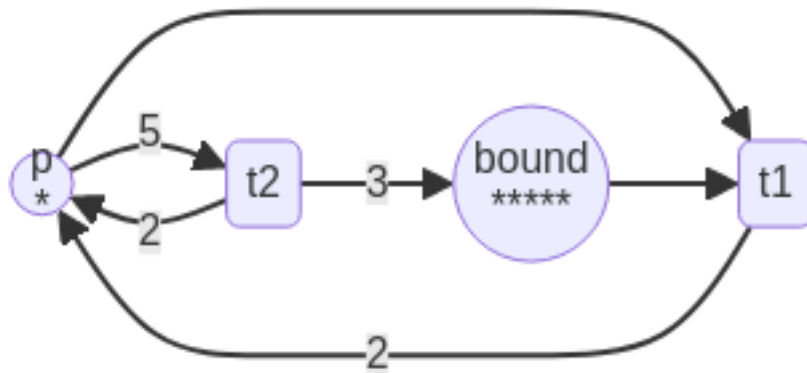
3.4

Exercise 4

Extra exercises from lecture 1

Extra 1

Find a petri net that is bounded, live, but not reversible.



Extra 2

Find a petri net that is strictly l2-live (every transition must be l2-live and at least one transition must not be l3-live).

