Problem #1 in HW#3

The net() procedure is the same for all three cases:
Associate an enabling function with cpu_repair and mem_repair
Associate a rate function with cpu_failure, cpu_repair, mem_failure and mem_repair

The three cases differ in how you define the enabling functions and the rate functions.

You need to code and run 3 separate SPNP programs for the three cases.
Problem #2 in HW#3
\((\alpha = 2, \text{ so a token represents one-half slot})\)

A new transition “T8” is added to account for subrating for low-priority clients

For the homework in which only the middle partition exists, the enabling condition for “T8” is mark(“RS”) == 0

For case study #2 in which all three partitions exist, the enabling condition for “T8” is mark(“RL” == 0) && mark(“RS”) == 0
Problem #3 in HW#3