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Registration Number: 20BPS1022

Date: February 10, 2022

## LAB-03

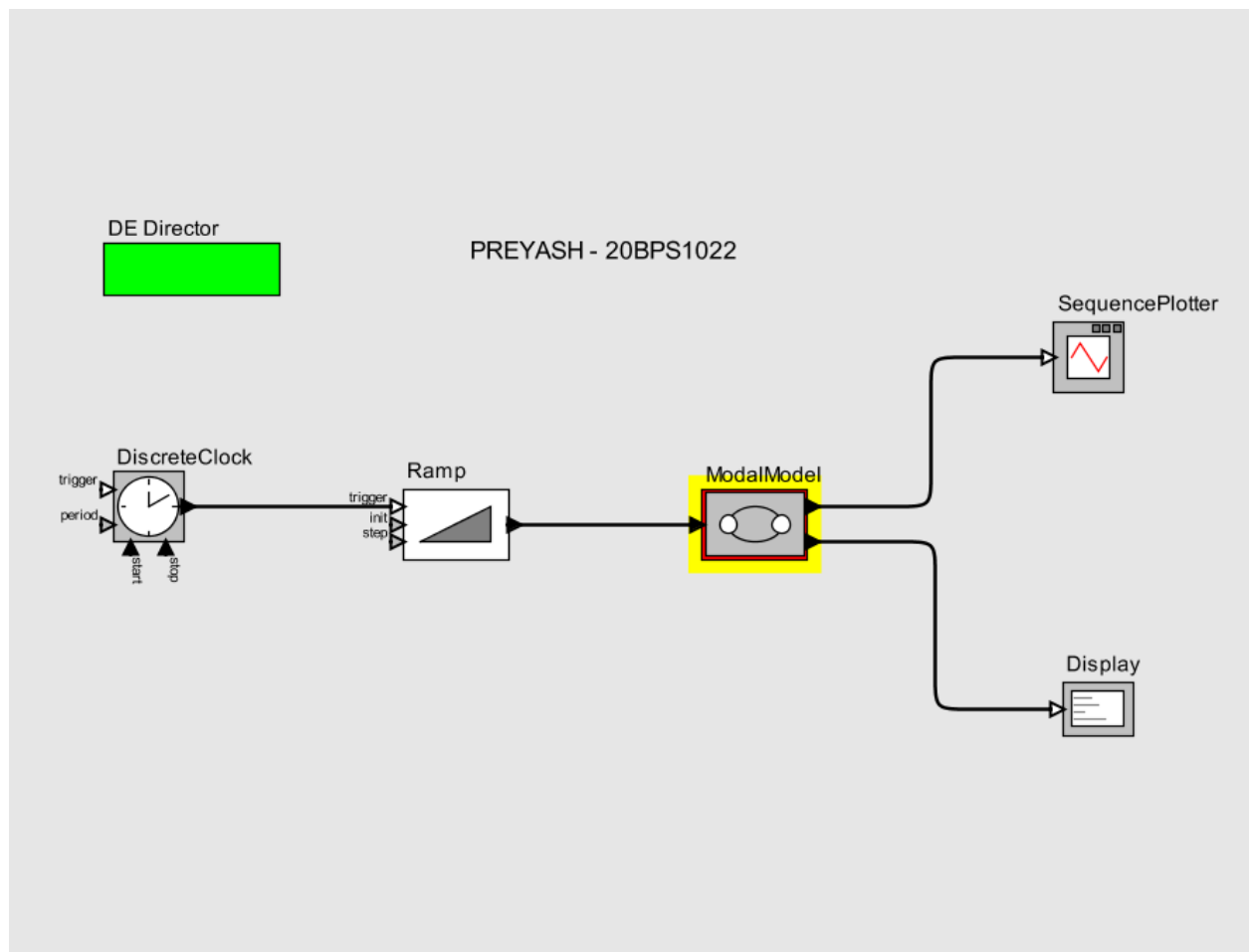
CSE2021

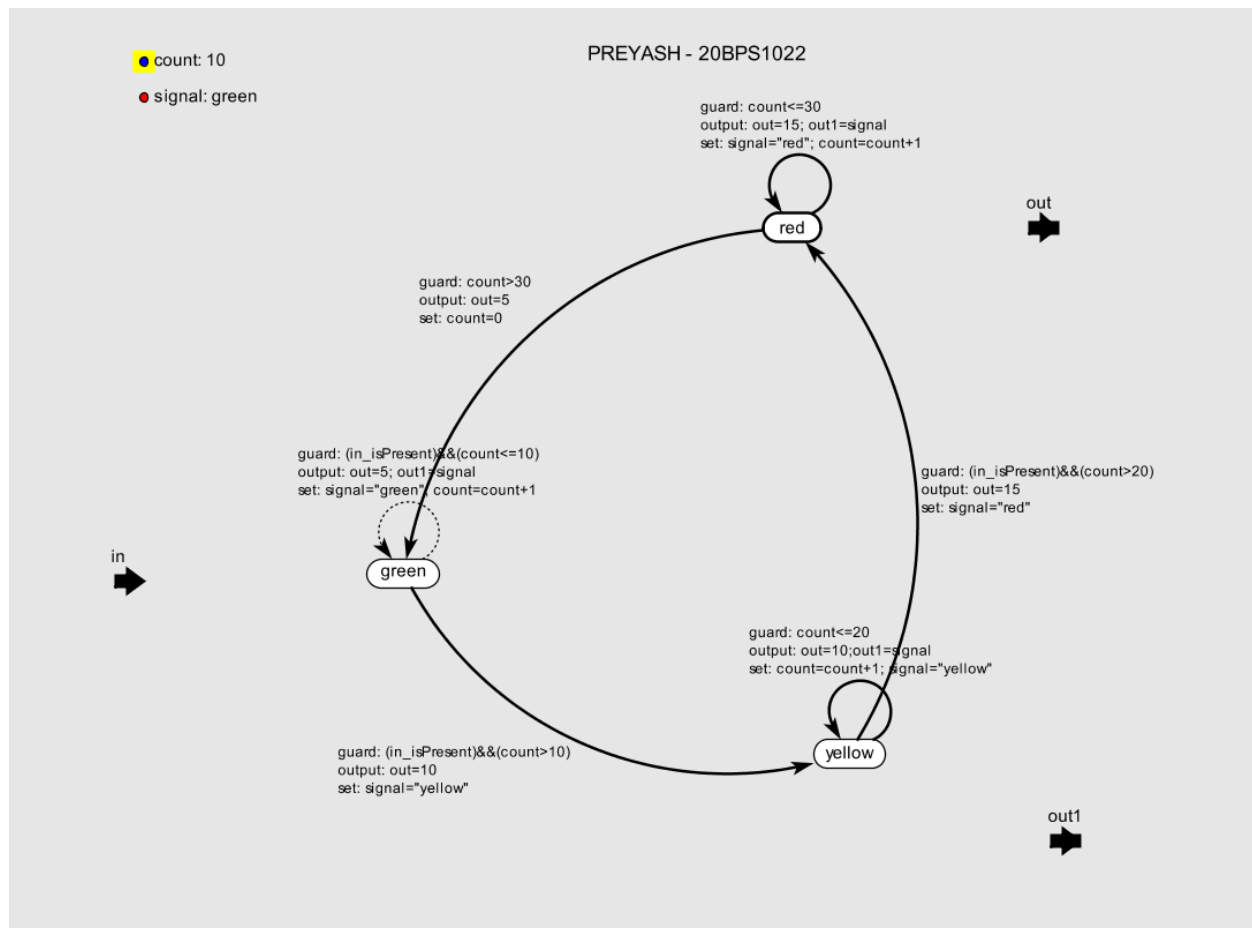
# DISTRIBUTED REAL-TIME SYSTEMS

**Tools Used:** Ptolemy

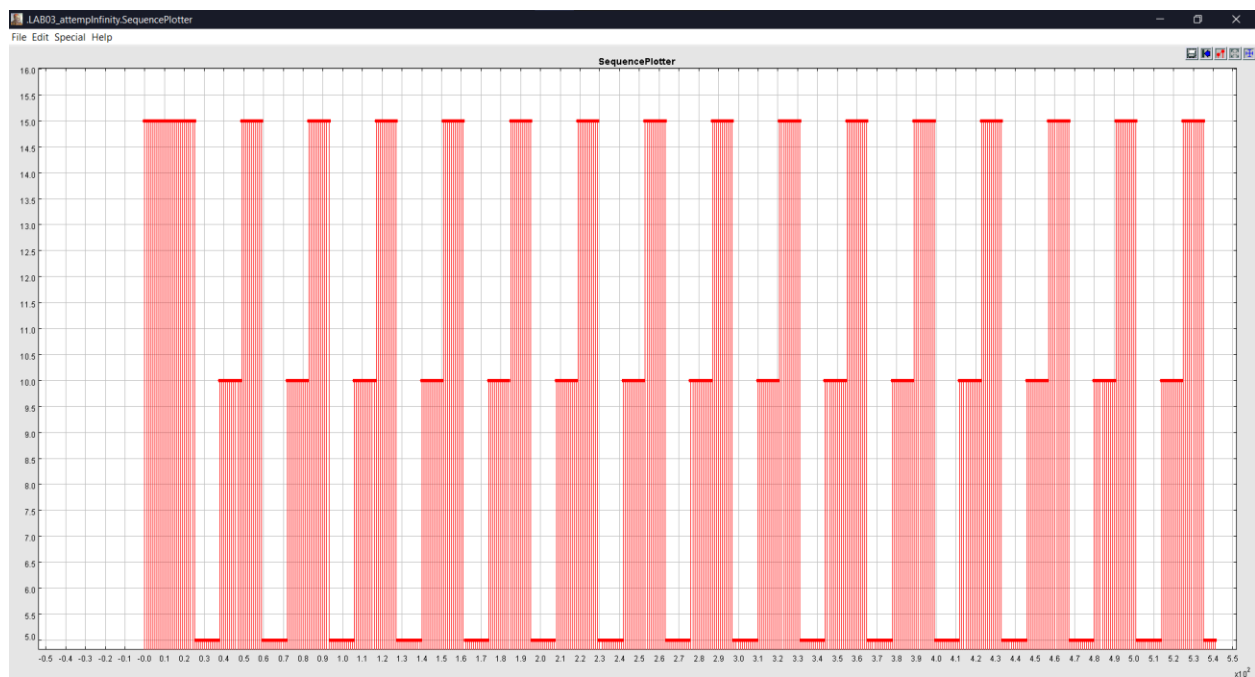
**Task:** Extended State machine model of a traffic light controller the track the passage of time, at regular intervals.

**Circuit:**





## Output:



```
yellow
yellow
yellow
yellow
yellow
yellow
yellow
red
red
red
red
red
red
red
red
red
red
red
green
green
green
green
green
green
green
green
green
yellow
yellow
yellow
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green
green
green
green
```