

## Formal Methods

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Section: A

Assignment: 04

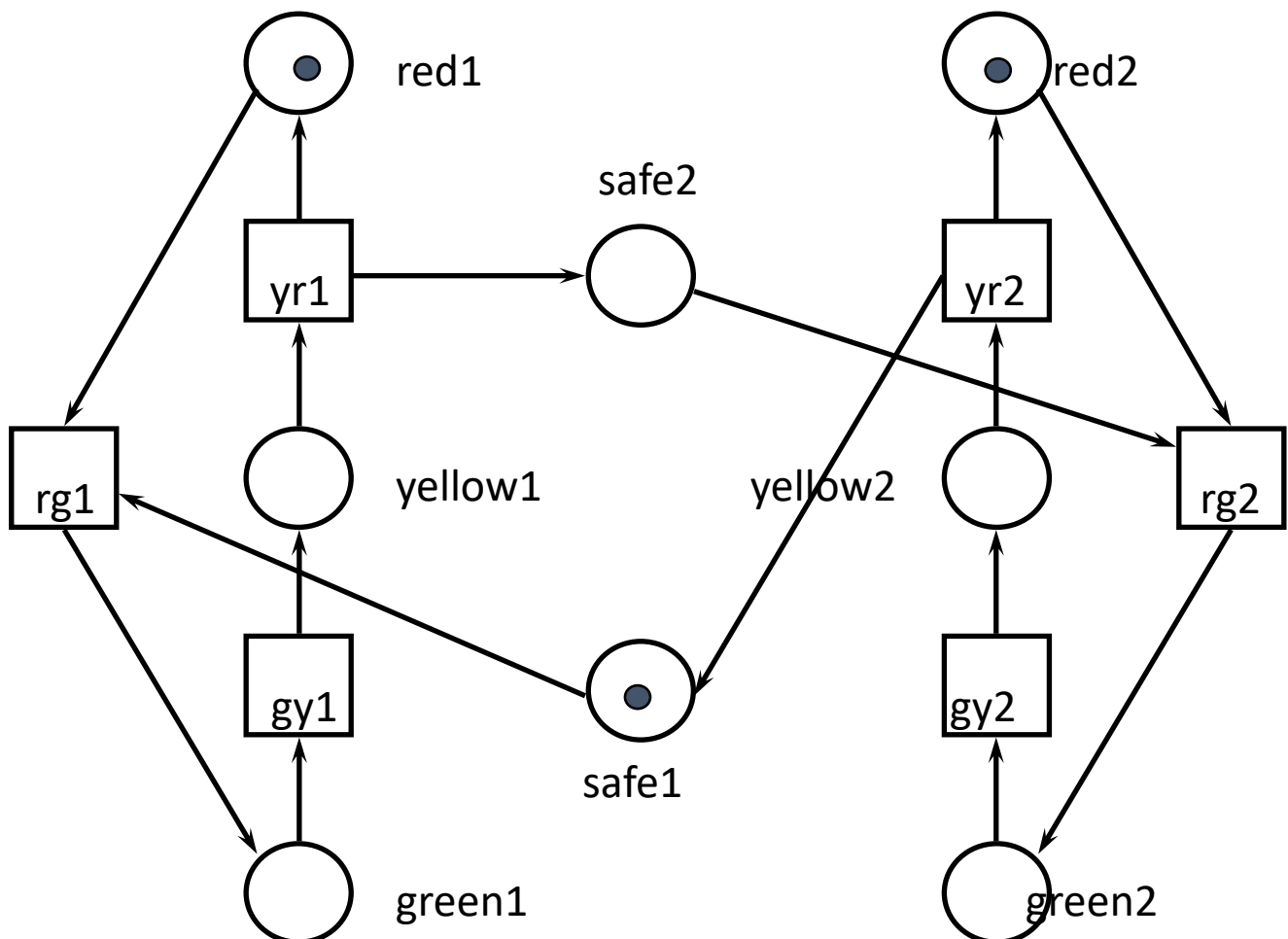
Date: 15-06-2023

Question: 01

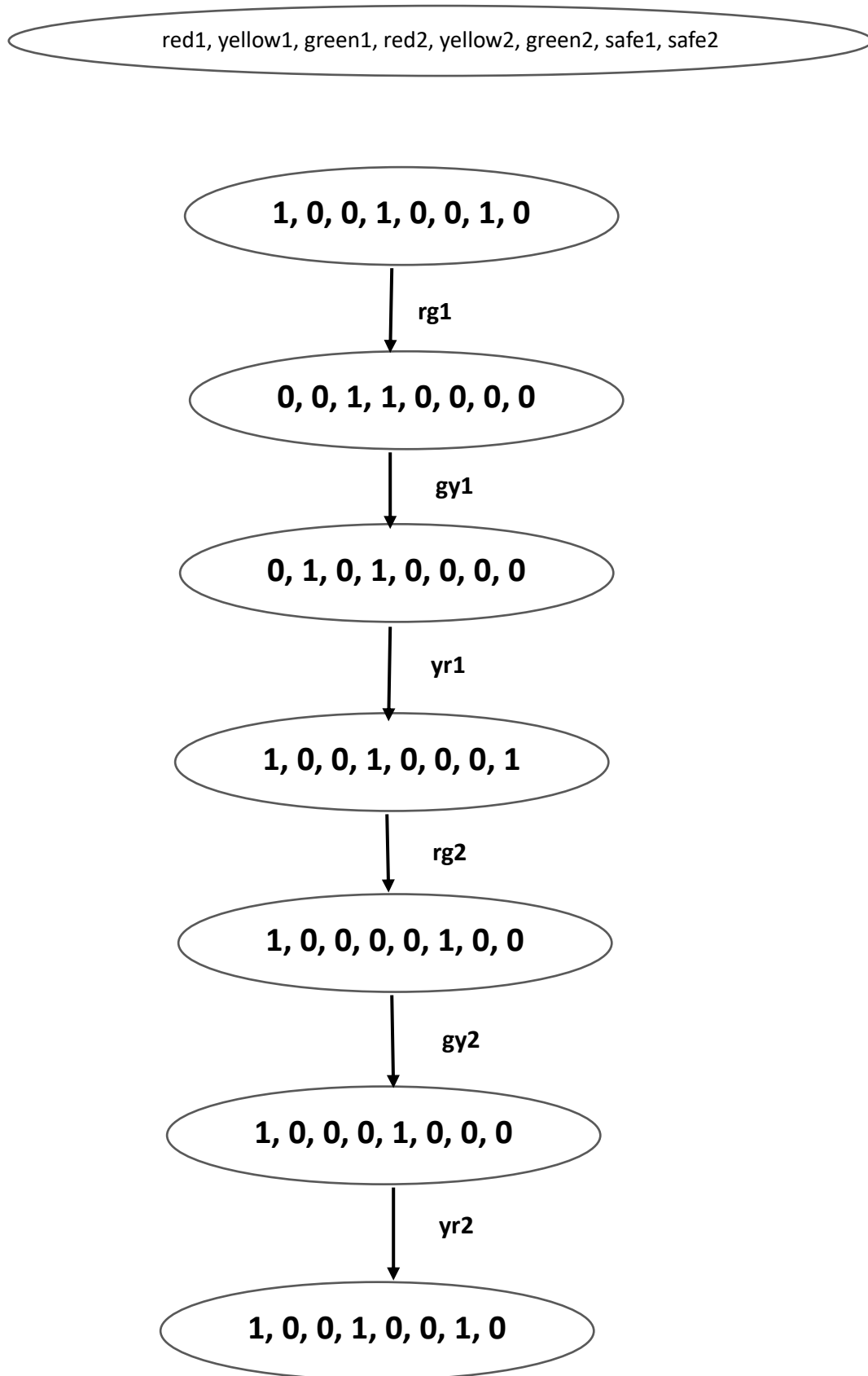
A Petri net model of two safe and fair traffic lights is given below:

1 Generate the reachability tree of the model.

2 Generate the reachability graph of the model.



## Reachability Tree:



## Reachability Graph:

