Assignment # 4

CSE356: Formal Methods

**Question No. 1**[ 10 marks]

***CLO: <3>; Bloom Taxonomy Level: <Applying>***

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.

green1

green2

rg1

red1

yellow1

yr1

gy1

rg2

red2

yellow2

yr2

gy2

safe2

safe1