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CIS\*3700 – Assignment 3

# Question 1)

1. Supervised:
2. Unsupervised:
3. Unsupervised:
4. Reinforced:

# Question 2)

Decision Tree: turnImmediately (inLeftLane, carTrailingClosely, roomToPullRight)

inLeftLane: whether we are driving in the left most lane

* Possible values: (yes, no)

carTrailingClosely: whether there is a car behind us, following closely, which implies they would like to pas us

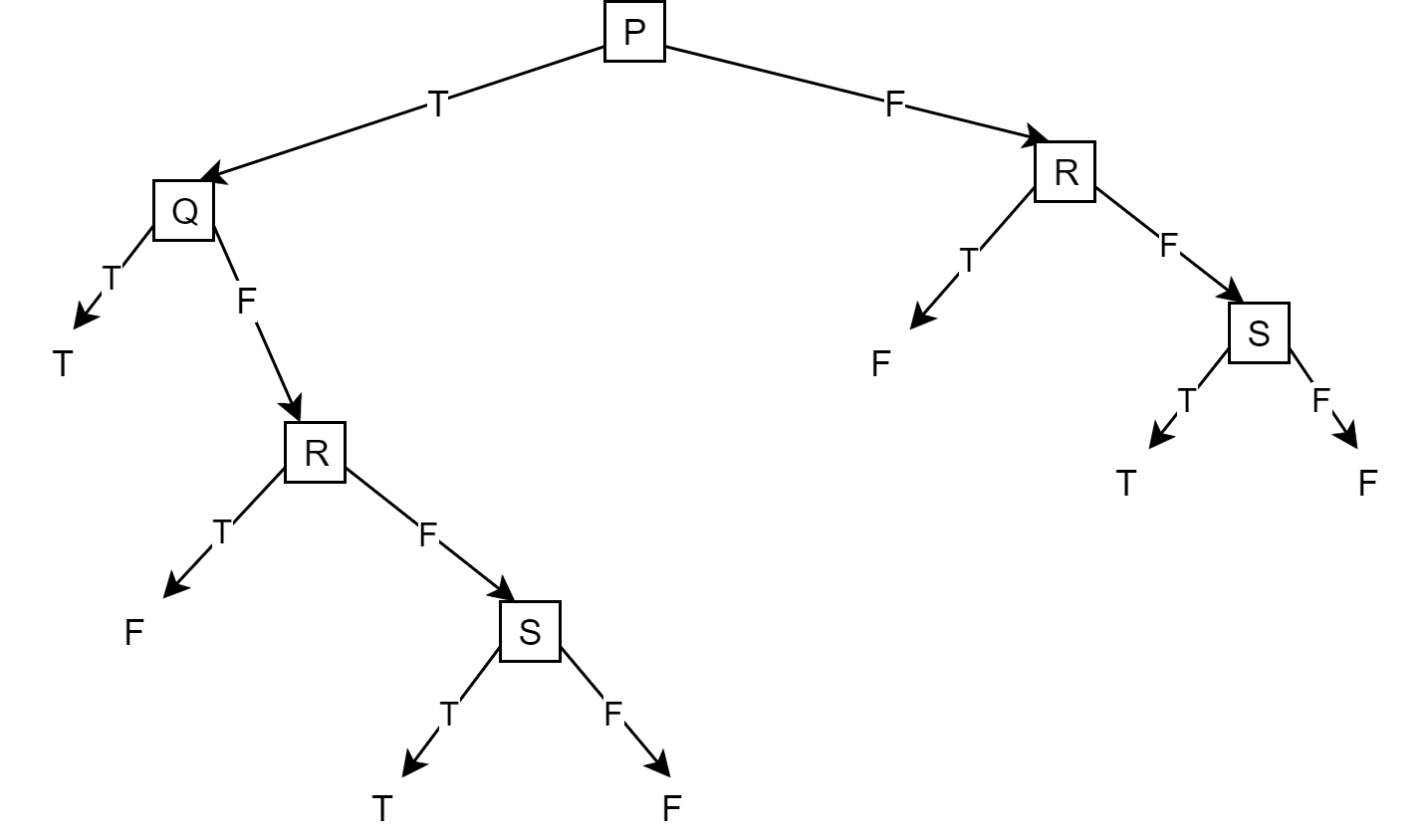
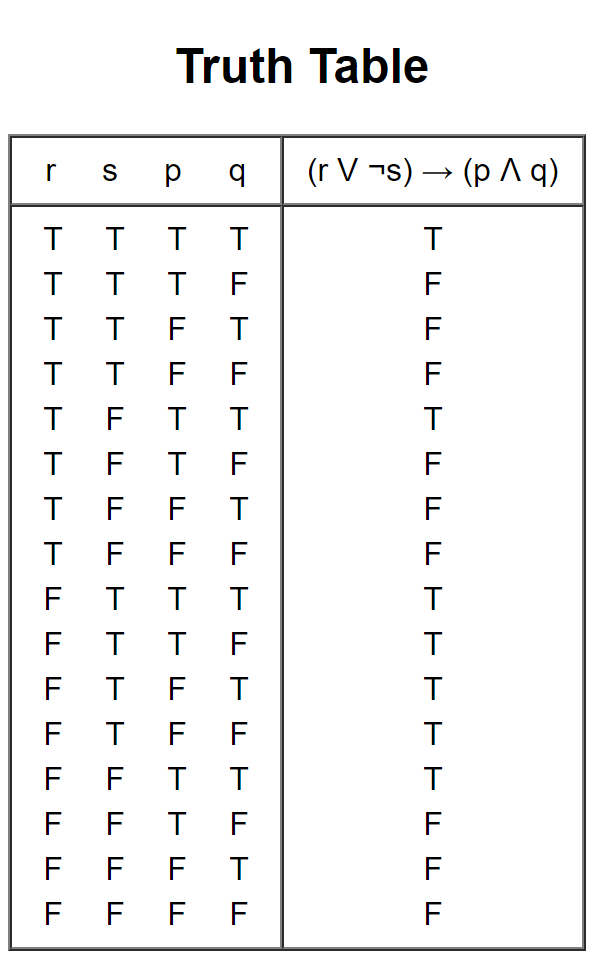
* Possible values: (yes, no)

roomToPullRight: whether there is room for us to pull into the middle lane

* Possible values: (yes, no)

turnImmdiately(yes, yes, yes) = true, otherwise this function will output false.

# Question 3)



# Question 4)

# Question 5)

1. Info(x) =
2. Remainder(x) =
3. Gain(x) =