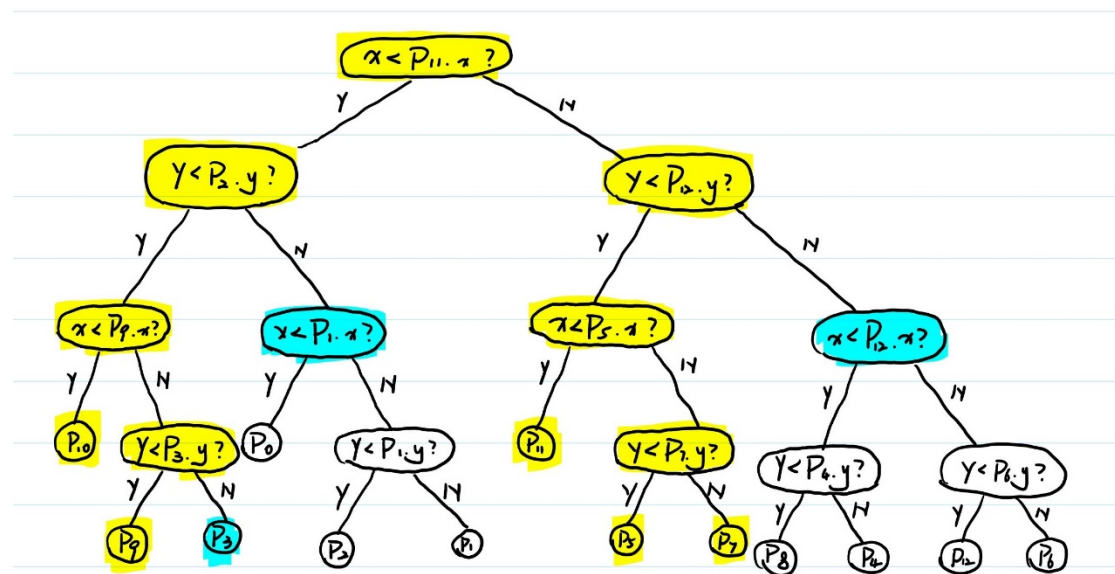Problem 6

The nodes that highlighted in yellow is the one will be examined.

The nodes that highlighted in blue is the one that will not been examined but will

be visited.