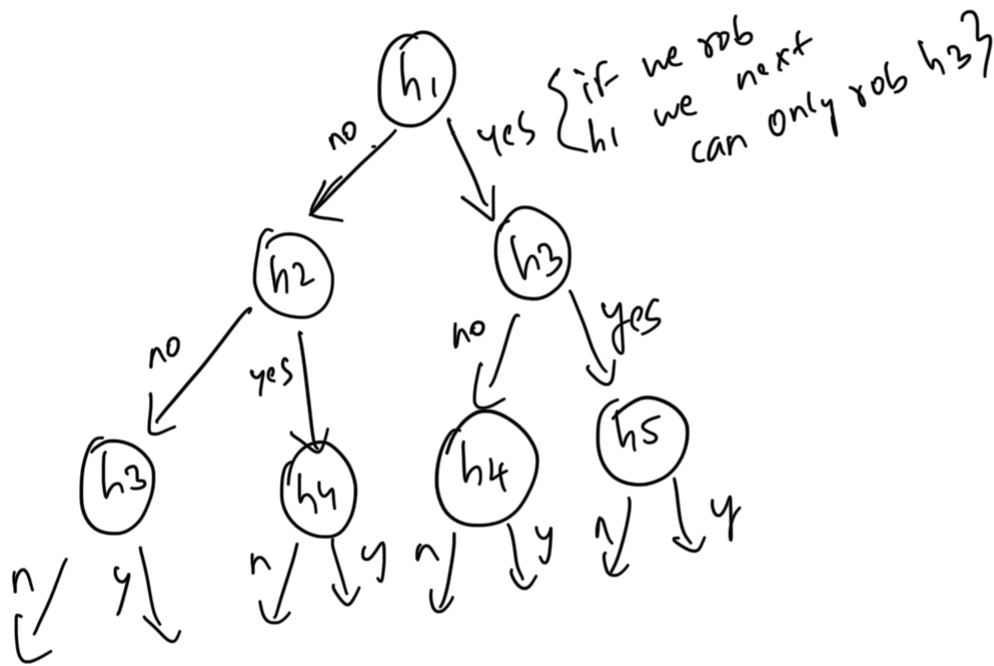


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$[h_1, h_2, h_3, h_4, h_5, \dots, h_n]$

no two adjacent houses can be robbed



so we have to return branch with max output

$$\text{ans} = \max(\underbrace{\text{rob}(i+1, \text{nums})}_{\text{no branch}}, \underbrace{\text{rob}(i+2, \text{nums}) + \text{nums}[i]}_{\text{yes branch}})$$